INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.0021 0101	Serial No.: 09/768,748
	Applicant(s): SHARMA et al.	Confirmation No.: 3864
	Application Filing Date: 01/24/01	Group: ~~2661~~ 2666
	Information Disclosure Statement mailed: ·	**RECEIVED**

RECEIVED

MAY 2 8 2004

Technology Center 2600

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
ʃŋ	✔	4,914,586	04/03/90	Swinehart et al.	—	—	

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation Yes	No

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
ʃŋ	✔	CCITT - The International Telegraph and Telephone Consultative Committee - Blue Book. Volume VIII - Fascicle VIII.1 - Rec. V42 on pages 296-370, "Data Communication Over the Telephone Network" Series V Recommendations. IXth Plenary Assembly, Melbourne, 14-25 November 1988. Geneva 1989. ISBN 92-61-03661-9
ʃŋ	✔	CCITT - The International Telegraph and Telephone Consultative Committee - Blue Book. Volume VIII - Fascicle VIII.2, "Data Communication Networks: Services and Facilities, Recommendations X.1-X.32, IXth Plenary Assembly, Melbourne, 14-25 November 1988. Geneva 1989. ISBN 92-61-03671-9. Entire Book
ʃŋ	✔	Data Sheet. "High Level Data Link Control (HDLC) and Derivatives" pp.1-5, [retrieved on 04/29/04] Retrieved from the Internet http://www.ricksiltshire.com/hdlc.htm
ʃŋ	✔	Data Sheet. Data Networks Resource. "SDLC, HDLC and LLC" pp.1-9, [retrieved on 04/29/04] Retrieved from the Internet http://www.rhyshaden.com/hdlc.htm
ʃŋ	✔	Data Sheet. Telescada: CDPD Communications, "Cellular Digital Packet Data" Retrieved on 04/29/04. Retrieved from the Internet http://www.telescada.com/cdpd.htm

EXAMINER	Date Considered
David Ton	2/13/05

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.0021 0101	Serial No.: 09/768,748

INFORMATION DISCLOSURE STATEMENT

Atty. Docket No.: 285.0021 0101	Serial No.: 09/768,748
Applicant(s): SHARMA et al.	Confirmation No.: 3864
Application Filing Date: 01/24/01	Group: 2661
Information Disclosure Statement mailed:	**RECEIVED**

MAY 2 8 2004

Technology Center 2600

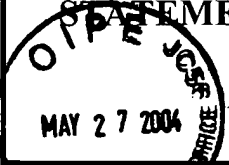| Examiner Initial	Copy Enclosed	Document Description
T·0	✔	Data Sheet. Advanced Relay Corporation: Hardware and Software Products. "Physical Layer". 3 pages. Retrieved from the Internet on 04/29/04 (Google Search) http://www.advancedrelay.com/html/products/physical.html
	✔	"EIA/TIA INTERIM STANDARD - Cellular System Dual-Mode Mobile Station - Base Station Compatiblity Standard". IS-54-B (Revision of IS/54-A) April 1992. Telecommunications Industry Association. Pages 1-280
	✔	Hardwick, "The Data Link Layer", ISDN Design" Professional and Technical Series. Title Page, Table of Contents, and pp. 46-48
	✔	ITU - International Telecommunication Union, Telecommunication Standardization Sector of ITU. Q.920 (03/93) "Digital Subscriber Signalling System No. 1 (DSS1) - Digital Subscriber Signaling System No. 1 (DSS1) - ISDN User-Network Interface Data Link Layer - General Aspects. ITU-T Recommendation Q.920 (previously CCITT Recommendation). Title page, Table of Contents. Pp. 1-20
	✔	ITU - International Telecommunication Union, Telecommunication Standardization Sector of ITU. Q.921 (09/97) "Series Q: Switching and Signalling - Digital subscriber Signaling System No. 1 - Data link layer". ISDN User-Network Interface - Data Link Layer Specification. Title page, Table of Contents, pages 1-256
	✔	Mobile/Cellular Technology. The Website for Mobile Communications. Diagram of IS-54B time slot structure. 1 page. Retrieved from the Internet on 04/27/04 http://www.mobilecomms-technology.com/projects/indiana/indiana5.html
	✔	MultiTech Systems. "The New MultiModem X.25, V.32TERBO X.25 Desktop Modem". 1 page. (1993)
	✔	MultiTech Systems. Technical Specifications. 1 page (1993)
	✔	MultiTech Systems. "The New MultiMuxX25, 8 and 16 port X.25 PADs for Private and Public Data Networks" 4 pages. (2/1990)
T·0	✔	"Privateline.com:Mobile Telephone History", 4 pages. Retrieved from the Internet on 04/27/04 http://www.privateline.com/PCS/history10.htm

EXAMINER	Date Considered
David Ton	*2/13/05*

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.0021 0101		Serial No.: 09/768,748
	Applicant(s): SHARMA et al.		Confirmation No.: 3864
	Application Filing Date: 01/24/01		Group: 2661
	Information Disclosure Statement mailed:		

RECEIVED

MAY 2 8 2004

Technology Center 2600

Examiner Initial	Copy Enclosed	Document Description
T_{cp}	✔	Tom Sheldon's Linktionary - Networking Defined and Hyperlinked. "LAP (Link Access Procedure". 2 pages. Retrieved from the Internet 04/29/04 (Google Search) http://www.linktionary.com/l/lap.html
T_{cp}	✔	Rahnema, "Overview of the GSM System and Protocol Architecture", IEEE Communications Magazine, April 1993, 9 pages
T_{cp}	✔	Stallings, William. . ISDN and Broadband ISDN, Second Edition. Copyright © 1992 by MacMillan Publishing Company, a division of Macmillan, Inc. Entire Book
T_{cp}	✔	"X.25 Devices and Protocol Operation" Internetworking Technologies Handbook, Fourth Edition. Chapter 17 (pp. 17-1 to 17-10). Table of Contents. All contents are Copyright © 1992-2002 Cisco Systems, Inc. All rights reserved. Retrieved from the Internet on 05/12/04 - http://www.ciscopress.com/bookstore/LargeCover.asp?isbn=1587051192

EXAMINER	Date Considered
ᗪᎯᎢᏌᏟᎧ ᏢᎧᏁᎥ	2/13/05

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.0021 0101	Serial No.: 09/768,748
	Applicant(s): SHARMA ET AL.	Confirmation No.: 3864
	Application Filing Date: 24 January 2001	Group: ~~2661~~ 2666
	Information Disclosure Statement mailed:	

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
F.O	✔	5,502,727	03-1996	Catanzaro et al.	370	271	

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation Yes	No

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial		Document Description

EXAMINER /D 𝑚𝑣() 𝑓𝑣𝑛/	Date Considered 2/13/05

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
				Confirmation No.: 3864
		Applicant(s): Raghu Sharma et al.		
		Filing Date: 24 January 2001		Group: 2661

SEP 1 9 2001

U.S. PATENT DOCUMENTS

Examiner Initial	Patent & Trademark	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
I.D		Re 35,104	11/28/95	Murakami et al.	—	—	
		Re. 34,034	08/18/92	O'Sullivan			
		H1,413	02/07/95	Gunn			
		3,304,372	02/14/67	Filipowsky et al.			
		3,789,165	01/29/74	Campanella et al.			
		3,904,830	09/09/75	Every, Sr. et al.			
		3,973,081	08/03/76	Hutchins			
		3,973,089	08/01/76	Puckette			
		3,997,732	12/14/76	Every, Sr. et al.			
		4,040,014	08/02/77	Gehrking			
		4,045,774	08/30/77	Morrison			
		4,059,731	11/22/77	Green et al.			
		4,059,800	11/22/77	Jones, Jr.			
		4,074,081	02/14/78	Humm			
		4,100,377	07/11/78	Flanagan			
		4,107,471	08/15/78	Reed			
		4,124,773	11/07/78	Elkins			
		4,178,480	12/11/79	Carbrey			
		4,205,202	05/27/80	Kahn			
		4,216,354	08/05/80	Esteban et al.			
		4,284,850	08/18/81	Chingelpeel			
		4,295,292	05/27/80	Kahn			
		4,309,434	05/03/94	Maekawa			
		4,310,721	01/12/82	Manley et al.			
		4,320,265	03/16/82	Biggiogera et al.			
		4,354,273	10/12/82	Araseki et al.			
		4,363,122	12/07/82	Black et al.			
		4,377,860	03/22/83	Godbole			
I.D		4,403,322	09/06/83	Kato	—	—	

EXAMINER D Anh Ton	Date Considered 2/13/05

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
			Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.		
	Filing Date: 24 January 2001		Group: 2661

f·n		4,425,512	01/10/84	Tomooka et al.	—		—	
		4,425,625	01/10/84	Seligman et al.				
		4,425,661	01/10/84	Moses et al.				
		4,445,213	04/24/84	Baugh et al.				
		4,447,675	05/08/84	Arntsen et al.				
		4,450,554	05/22/84	Steensma et al.				
		4,455,649	06/19/84	Esteban et al.				
		4,476,559	10/09/84	Brolin et al.				
		4,479,195	10/23/84	Herr et al.				
		4,479,213	10/23/84	Galand et al.				
		4,491,945	01/01/85	Turner				
		4,494,230	01/15/85	Turner				
		4,495,620	01/22/85	Steele et al.				
		4,500,987	02/19/85	Hasegawa				
		4,503,288	03/05/85	Kessler				
		4,503,533	03/05/85	Tobagi et al.				
		4,523,055	06/11/85	Hohl et al.				
		4,524,244	06/18/85	Faggin et al.				
		4,528,425	07/09/85	Melindo et al.				
		4,528,659	07/09/85	Jones, Jr.				
		4,531,023	07/23/85	Levine				
		4,532,495	07/30/85	Gagnon				
		4,533,948	08/06/85	McNamara et al.				
		4,534,024	08/06/85	Maxemchuk et al.				
		4,535,448	08/13/85	Baxter et al.				
		4,546,212	10/08/85	Crowder Sr.				
		4,549,290	10/22/85	Bell				
		4,549,308	10/22/85	LoPinto				
f·n		4,555,599	11/26/85	Hackett-Jones et al.	—		—	

EXAMINER *D. Harib Tun*	Date Considered *2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

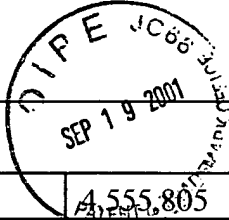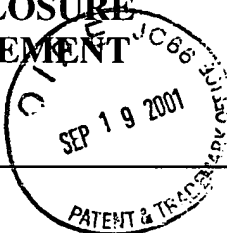| INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748		
			Confirmation No.: 3864		
	Applicant(s): Raghu Sharma et al.				
	Filing Date: 24 January 2001		Group: 2661		

T.D		4,555,805	11/26/85	Talbot	—	—		
		4,578,537	03/25/86	Faggin et al.				
		4,581,735	04/08/86	Flamm et al.				
		4,587,651	05/06/86	Nelson et al.				
		4,589,107	05/13/86	Middleton et al.				
		4,593,389	06/03/86	Wurzburg et al.				
		4,597,101	06/24/86	Kishimoto et al.				
		4,598,397	07/01/86	Nelson et al.				
		4,609,788	09/02/86	Miller et al.				
		4,610,022	09/02/86	Kitayama et al.				
		4,611,323	09/09/86	Hessenmiller				
		4,611,342	09/09/86	Miller et al.				
		4,622,680	11/11/86	Zinser				
		4,625,081	11/25/86	Lotito et al.				
		4,629,829	12/16/86	Puhl et al.				
		4,630,262	12/16/86	Callens et al.				
		4,631,746	12/23/86	Bergeron et al.				
		4,644,561	02/17/87	Paneth et al.				
		4,652,703	03/24/87	Lu et al.				
		4,653,086	03/24/87	Laube				
		4,660,194	04/21/87	Larson et al.				
		4,660,218	04/21/87	Hashimoto				
		4,665,514	05/12/87	Ching et al.				
		4,670,874	06/02/87	Sato et al.				
		4,679,190	07/07/87	Dias et al.				
		4,697,281	09/29/87	O'Sullivan				
		4,698,803	10/06/87	Haselton et al.				
		4,700,341	10/13/87	Huang				
		4,707,831	11/17/87	Weir et al.				
T.D		4,716,585	12/29/87	Tompkins et al.	—	—		

EXAMINER	Date Considered
O77VC7 729N/	2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748		
			Confirmation No.: 3864		
	Applicant(s): Raghu Sharma et al.				
	Filing Date: 24 January 2001		Group: 2661		

r.p		4,718,057	01/05/88	Venkitakrishnan et al.	—	—	
		4,718,082	01/05/88	Parker et al.			
		4,723,238	02/02/88	Isreal et al.			
		4,725,977	02/16/88	Izumi et al.			
		4,730,311	03/08/88	Carse et al.			
		4,740,963	04/26/88	Eckley			
		4,750,169	06/07/88	Carse et al.			
		4,751,510	06/14/88	Desaint Michel et al.			
		4,751,736	06/14/88	Gupta et al.			
		4,757,497	07/12/88	Beierle et al.			
		4,757,527	07/12/88	Beniston et al.			
		4,761,646	08/02/88	Choquet et al.			
		4,764,955	08/16/88	Galand et al.			
		4,769,833	09/06/88	Farleigh et al.			
		4,771,425	09/13/88	Baran et al.			
		4,782,485	11/01/88	Gollub			
		4,782,515	11/01/88	Phillips, deceased et al.			
		4,785,472	11/15/88	Shapiro			
		4,792,945	12/20/88	Mark			
		4,794,595	12/27/88	Ohyama			
		4,797,878	01/10/89	Armstrong			
		4,802,221	01/31/89	Jibbe			
		4,807,250	02/21/89	Tanaka			
		4,809,271	02/28/89	Kondo et al.			
		4,813,040	03/14/89	Futato			
		4,817,089	03/28/89	Paneth et al.			
		4,819,228	04/04/89	Baran et al.			
T·)		4,821,312	04/11/89	Horton et al.	—	—	

EXAMINER	Date Considered
D ATV(7 7D/\/	*2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

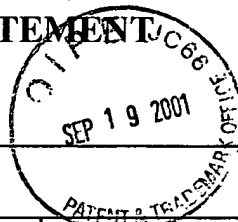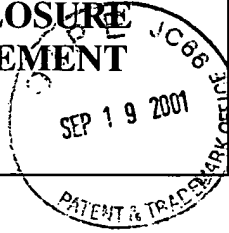| INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
			Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.		
	Filing Date: 24 January 2001		Group: 2661

↑		4,827,085	05/02/89	Yaniv et al.	—		—	
		4,835,765	05/30/89	Bergmans et al.	↑		↑	
		4,839,802	06/13/89	Wonak et al.				
		4,839,906	06/13/89	Leveque et al.				
		4,845,746	07/04/89	Li				
		4,847,677	06/11/89	Music et al.				
		4,847,829	07/11/89	Tompkins et al.				
		4,847,900	07/11/89	Wakim				
		4,862,449	08/29/89	Hoefkens et al.				
		4,864,559	09/05/89	Perlman				
		4,866,704	09/12/89	Bergman				
		4,866,732	09/12/89	Carey et al.				
		4,872,160	10/03/89	Hemmady et al.				
		4,873,715	10/10/89	Shibata				
		4,887,265	12/12/89	Felix				
		4,890,282	12/26/89	Lambert et al.				
		4,890,316	12/26/89	Walsh et al.				
		4,890,326	12/26/89	Euler				
		4,890,327	12/26/89	Bertrand et al.				
		4,891,806	01/02/90	Farias et al.				
		4,893,308	01/09/90	Wilson et al.				
		4,893,326	01/09/90	Duran et al.				
		4,893,339	01/09/90	Bright et al.				
		4,901,333	02/13/90	Hodgkiss				
		4,903,261	02/20/90	Baran et al.				
		4,905,231	02/27/90	Leung et al.				
		4,905,282	02/27/90	Mcglynn et al.				
		4,907,277	03/06/90	Callens et al.				
		4,912,705	03/27/90	Paneth et al.	↓		↓	
		4,912,745	03/27/90	Fitzpatrick et al.	—		—	

EXAMINER	Date Considered
	2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748			
			Confirmation No.: 3864			
	Applicant(s): Raghu Sharma et al.					
	Filing Date: 24 January 2001		Group: 2661			

-)		4,912,756	03/27/90	Hop	—	-		
		4,912,758	03/27/90	Arbel	↑	↑		
		4,914,650	04/03/90	Sriram				
		4,926,448	05/15/90	Kraul et al.				
		4,926,482	02/15/90	Frost et al.				
		4,932,022	06/05/90	Keeney et al.				
		4,932,048	06/05/90	Kenmochi et al.				
		4,935,927	06/19/90	Kaewell, Jr. et al.				
		4,935,954	06/19/90	Thompson et al.				
		4,942,569	07/17/90	Maeno				
		4,953,210	08/28/90	Mcglynn et al.				
		4,965,789	10/23/90	Bottau et al.				
		4,972,457	11/20/90	O'Sullivan				
		4,972,462	11/20/90	Shibata				
		4,972,483	11/20/90	Carey				
		4,974,099	11/27/90	Lin et al.				
		4,977,591	12/11/90	Chen et al.				
		4,981,371	01/01/91	Gurak et al.				
		4,985,891	01/15/91	Fujiwara et al.				
		4,989,203	01/29/91	Phinney				
		4,991,169	02/05/91	Davis et al.				
		4,991,172	02/05/91	Cidon et al.				
		4,991,197	02/05/91	Morris				
		4,994,802	02/19/91	Critchlow et al.				
		4,995,059	02/19/91	Ishikawa				
		4,996,697	02/26/91	Critchlow et al.				
		4,998,241	03/05/91	Brox et al.				
		4,998,248	03/05/91	Matsuzaki				
		5,001,710	03/19/91	Gawrys et al.	↓	↓		
-)		5,001,729	03/19/91	Tjahjadi et al.	—	-		

EXAMINER	Date Considered
ØꞀꞀVᏣ ꞀᏅᏁ	2/13/05

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101			Serial No.: 09/768,748	
SEP 1 9 2001				Confirmation No.: 3864	
	Applicant(s): Raghu Sharma et al.				
	Filing Date: 24 January 2001			Group: 2661	

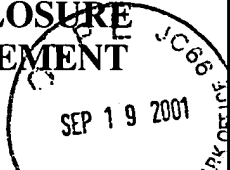|								
		5,001,745	03/19/91	Pollock	—		—	
		5,005,183	04/02/91	Carey et al.				
		5,007,050	04/09/91	Kasparian et al.				
		5,008,901	04/16/91	Wallach et al.				
		5,008,926	04/16/91	Misholi				
		5,014,232	05/07/91	Andre				
		5,014,267	05/07/91	Tompkins et al.				
		5,014,306	05/07/91	Rodgers et al.				
		5,020,058	05/28/91	Holden et al.				
		5,022,024	06/04/91	Paneth et al.				
		5,023,903	06/11/91	Bowen				
		5,025,443	06/18/91	Gupta				
		5,034,962	07/23/91	Yamamoto et al.				
		5,036,513	07/30/91	Greenblatt				
		5,042,028	08/20/91	Ogawa				
		5,044,010	08/27/91	Frenkiel et al.				
		5,046,188	09/03/91	Molnar				
		5,051,720	09/24/91	Kittirutsunetorn				
		5,054,055	10/01/91	Hanle et al.				
		5,062,133	10/29/91	Melrose				
		5,065,395	11/12/91	Shenoi et al.				
		5,065,425	11/12/91	Lecomte et al.				
		5,065,427	11/12/91	Godbole				
		5,070,526	12/03/91	Richmond et al.				
		5,072,308	12/10/91	Lin et al.				
		5,073,926	12/17/91	Suzuki et al.				
		5,079,769	01/07/92	Ehricke et al.				
		5,081,647	01/14/92	Bremer				
		5,083,310	01/21/92	Drory				
		5,086,425	02/04/92	Le Goffic et al.	—		—	

EXAMINER DANIEL RON	Date Considered 2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748	
			Confirmation No.: 3864	
	Applicant(s): Raghu Sharma et al.			
	Filing Date: 24 January 2001		Group: 2661	

T·D		5,086,471	02/04/92	Tanaka et al.	—		—		
		5,099,472	03/24/92	Townsend et al.					
		5,107,519	04/21/92	Ishikawa					
		5,115,429	05/19/92	Hluchyj et al.					
		5,119,375	06/02/92	Paneth et al.					
		5,121,385	06/09/92	Tominaga et al.					
		5,121,391	06/09/92	Paneth et al.					
		5,127,001	06/30/92	Steagall et al.					
		5,127,041	06/30/92	O'Sullivan					
		5,130,985	07/14/92	Kondo et al.					
		5,132,966	07/21/92	Hayano et al.					
		5,136,586	08/04/92	Greenblatt					
		5,138,662	08/11/92	Amano et al.					
		5,146,470	09/08/92	Fujii et al.					
		5,150,357	09/22/92	Hopner et al.					
		5,150,410	09/22/92	Bertrand					
		5,151,937	09/29/92	Chujo et al.					
		5,153,897	10/06/92	Sumiyoshi et al.					
		5,155,726	10/13/92	Spinney et al.					
		5,155,847	10/13/92	Kirouac et al.					
		5,162,812	11/10/92	Aman et al.					
		5,164,982	11/17/92	Davis					
		5,170,427	12/08/92	Guichard et al.					
		5,177,734	01/05/93	Cummiskey et al.					
		5,179,588	01/12/93	Nowicki					
		5,182,762	01/26/93	Shirai et al.					
		5,187,591	02/16/93	Guy et al.					
		5,187,692	02/16/93	Haneda et al.					
		5,193,110	03/09/93	Jones et al.					
T·D		5,195,086	03/16/93	Baumgartner et al.	—		—		

EXAMINER *D. [signature]*	Date Considered *2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101			Serial No.: 09/768,748		
				Confirmation No.: 3864		
	Applicant(s): Raghu Sharma et al.					
	Filing Date: 24 January 2001			Group: 2661		

T.D			5,195,130	03/16/93	Weiss et al.	—		—	
			5,206,900	04/27/93	Callele				
			5,208,812	05/04/93	Dudek et al.				
			5,208,850	05/04/93	Kino				
			5,214,650	05/25/93	Renner et al.				
			5,214,656	05/25/93	Chung et al.				
			5,228,026	07/13/93	Albrow et al.				
			5,228,033	07/13/93	Okouchi				
			5,228,076	07/13/93	Hopner et al.				
			5,233,660	08/03/93	Chen				
			5,235,595	08/10/93	O'Dowd				
			5,247,591	09/21/93	Baran				
			5,249,218	09/28/93	Sainton				
			5,257,410	10/26/93	Meszko et al.				
			5,258,983	11/02/93	Lane et al.				
			5,260,783	11/09/93	Dixit				
			5,261,027	11/09/93	Taniguschi et al.				
			5,263,019	11/16/93	Chu				
			5,272,695	12/21/93	Makino et al.				
			5,272,700	12/21/93	Hansen et al.				
			5,276,703	01/04/94	Budin et al.				
			5,278,900	01/11/94	Van Gerwen et al.				
			5,280,519	01/18/94	Nakajima et al.				
			5,282,197	01/25/94	Kreitzer				
			5,283,638	02/01/94	Engberg et al.				
			5,283,819	02/01/94	Glick et al.				
			5,288,026	07/13/93	Albrow et al.				
			5,289,539	02/22/94	Maruyama				
			5,295,136	03/15/94	Ashley et al.				
T.D			5,297,203	03/22/94	Rose et al.	—		—	

EXAMINER		Date Considered
D.H.N.G. T.D.N.		*2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT		Atty. Docket No.: 285.00210101		Serial No.: 09/768,748		
				Confirmation No.: 3864		
		Applicant(s): Raghu Sharma et al.				
		Filing Date: 24 January 2001		Group: 2661		

T·D		5,301,246	04/05/94	Archibald et al.	—	—	
		5,305,312	04/19/94	Fornek et al.			
		5,307,413	04/26/94	Denzer			
		5,309,562	05/03/94	Li			
		5,313,498	05/17/94	Sano			
		5,317,604	05/31/94	Osterweil			
		5,319,682	06/07/94	Clark			
		5,327,520	07/05/94	Chen			
		5,329,472	07/12/94	Sugiyama			
		5,341,374	08/23/94	Lewen et al.			
		5,343,473	08/30/94	Cidon et al.			
		5,343,521	08/30/94	Jullien et al.			
		5,347,572	09/13/94	Avni			
		5,355,365	10/01/94	Bhat et al.			
		5,355,406	10/11/94	Chencinski et al.			
		5,365,576	11/15/94	Tsumura et al.			
		5,365,577	11/15/94	Davis et al.			
		5,369,700	11/29/94	Koura et al.			
		5,371,853	12/06/94	Kao et al.			
		5,375,068	12/20/94	Palmer et al.			
		5,377,260	12/27/94	Long			
		5,379,340	01/03/95	Overend et al.			
		5,381,412	01/10/95	Otani			
		5,384,780	01/24/95	Lomp et al.			
		5,388,150	02/07/95	Schneyer et al.			
		5,390,239	02/14/95	Morris et al.			
		5,390,250	02/14/95	Janse et al.			
		5,402,474	03/28/95	Miller et al.			
		5,406,557	04/11/95	Baudion			
T·D		5,406,560	04/11/95	Kondo et al.	—	—	
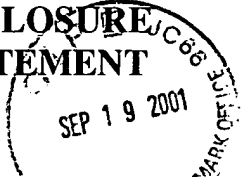
EXAMINER ᗠ ᑎ٦٧٤٦ ٦٧٢٧	Date Considered 2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT		Atty. Docket No.: 285.00210101		Serial No.: 09/768,748			
				Confirmation No.: 3864			
		Applicant(s): Raghu Sharma et al.					
		Filing Date: 24 January 2001		Group: 2661			

T·Ø		5,408,401	04/18/95	Miyazaki	—		—	
		5,408,522	04/18/95	Ikehata et al.				
		5,408,527	06/18/95	Tsutsu				
		5,414,773	05/09/95	Handelman				
		5,414,796	05/09/95	Jacobs et al.				
		5,416,776	05/16/95	Panzarella et al.				
		5,425,089	06/13/95	Chan et al.				
		5,426,652	06/20/95	Heiman				
		5,438,536	08/01/95	Salzman				
		5,438,614	08/01/95	Rozman et al.				
		5,440,547	08/08/95	Easki et al.				
		5,440,619	08/08/95	Cann				
		5,440,698	08/08/95	Sindhu et al.				
		5,444,770	08/22/95	Davis et al.				
		5,448,555	09/05/95	Bremer et al.				
		5,450,425	09/12/95	Gunn et al.				
		5,452,289	09/19/95	Sharma et al.				
		5,452,329	09/19/95	Sato				
		5,453,986	09/26/95	Davis et al.				
		5,463,616	10/31/95	Kruse et al.				
		5,465,267	11/07/95	Todoroki				
		5,471,470	11/28/95	Sharma et al.				
		5,472,351	12/05/95	Greco et al.				
		5,473,676	12/05/95	Frick et al.				
		5,477,547	12/19/95	Sugiyama				
		5,479,407	12/26/95	Ko et al.				
		5,479,475	12/26/95	Grob et al.				
		5,483,576	01/09/96	Staples				
		5,490,060	02/06/96	Malec et al.				
T·Ø		5,493,609	02/20/96	Winseck, Jr. et al.			—	

EXAMINER	Date Considered
DANG DON	*2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce
(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748		
			Confirmation No.: 3864		
	Applicant(s): Raghu Sharma et al.				
	Filing Date: 24 January 2001		Group: 2661		

𝓕-𝓅		5,500,859	03/19/96	Sharma et al.	—		—	
		5,515,398	05/07/96	Walsh et al.				
		5,521,975	05/28/96	Hashimoto				
		5,524,047	06/04/96	Brown et al.				
		5,526,423	06/11/96	Ohuchi et al.				
		5,535,204	07/09/96	Li				
		5,541,640	07/30/96	Larson				
		5,546,395	08/13/96	Sharma et al.				
		5,546,448	08/13/96	Caswell et al.				
		5,550,816	08/27/96	Hardwick et al.				
		5,559,793	09/24/96	Maitra et al.				
		5,574,725	11/12/96	Sharma et al.				
		5,577,041	11/19/96	Sharma et al.				
		5,592,586	01/07/97	Maitra et al.				
		5,596,628	01/21/97	Klein				
		5,600,649	02/04/97	Sharma et al.				
		5,617,423	04/01/97	Li et al.				
		5,619,508	04/08/97	Davis et al.				
		5,628,030	05/06/97	Tuckner				
		5,631,745	05/20/97	Wong et al.				
		5,644,629	07/01/97	Chow				
		5,673,257	09/30/97	Sharma et al.				
		5,673,268	09/30/97	Sharma et al.				
		5,675,640	10/07/97	Tappert et al.				
		5,699,410	12/16/97	Imamura et al.				
		5,699,417	12/16/97	Khojasteh				
		5,699,418	12/16/97	Jones				
		5,745,558	04/28/98	Richardson, Jr. et al.				
𝓕-𝓆		5,754,589	05/19/98	Maitra et al.	—		—	

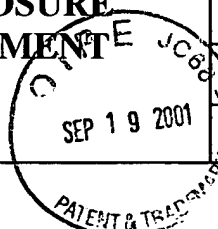| EXAMINER	Date Considered
DANIS TON	2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
			Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.		
	Filing Date: 24 January 2001		Group: 2661

T·Ω		5,764,627	06/09/98	Sharma et al.	—	—	
		5,764,628	06/09/98	Davis et al.	↑	↑	
		5,790,532	08/04/98	Sharma et al.			
		5,812,534	09/22/98	Davis et al.			
		5,815,503	09/29/98	Li			
		5,821,987	10/13/98	Larson			
		5,864,560	01/26/99	Li et al.			
		6,009,082	12/28/99	Caswell et al.	↓	↓	
T·Ω		6,012,113	01/04/00	Tuckner	—	—	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	SubClass	Translation	
							Yes	No
T·Ω		2104701	07/09/94	Canada	—	—		
		EP 0 309 993 A2	04/05/89	EPO	↑	↑		
		EP 0 309 993 A3	04/05/89	EPO				
		EP 0 364 866	01/25/90	EPO				
		EP 0 374 828 B1	06/27/90	EPO				X
		EP 0 429 054	05/29/91	EPO				
		EP 0 443 548	08/28/91	EPO				
		EP 0 453 128	10/23/91	EPO				
		EP 0 480 634 B1	04/15/92	EPO				
		EP 0 488 865	06/03/92	EPO				
		EP 0 510 411	10/28/92	EPO				
		EP 0 526 104	02/03/93	EPO				
		EP 0 581 528	02/02/94	EPO				
		EP 0 582 537	02/09/94	EPO				
		EP 0 614 305	09/07/94	EPO	↓	↓		
T·Ω		EP 0 630 141	12/21/94	EPO	—	—		

EXAMINER	Date Considered
/Danny Ton/	2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748				
			Confirmation No.: 3864				
	Applicant(s): Raghu Sharma et al.						
	Filing Date: 24 January 2001		Group: 2661				

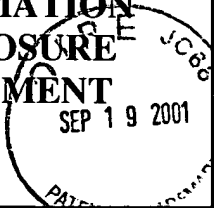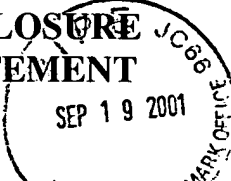|									
T·D		EP 0 650 286	04/26/95	EPO	—		—		
		EP 0 425 163 B1	05/02/95	EPO	↑		↑		
		DE 3344140 C2	06/14/84	Germany					X
		DE 3426055 A1	01/31/85	Germany					X
		DE 3409532 A1	09/19/85	Germany					X
		DE 3504064	08/07/86	Germany					
		DE 3726366 C2	02/11/88	Germany					X
		DE 3630469	03/10/88	Germany					
		DE 3531173 C2	03/13/89	Germany					X
		DE 3490532	04/06/89	Germany					
		GB 2 025 735 A	01/23/80	Great Britain					
		GB 2 131 654 A	06/20/84	Great Britain					
		GB 2 173 070 A	10/01/86	Great Britain					
		GB 2 184 327 A	06/17/87	Great Britain					
		GB 2 195 866 A	04/13/88	Great Britain					
		GB 2 208 986 A	04/19/89	Great Britain					
		GB 2 210 237	06/01/89	Great Britain					
		GB 2 212 028 A	07/12/89	Great Britain					
		GB 2 227 625 A	08/01/90	Great Britain					
		GB 2 260 670	04/21/93	Great Britain					
		GB 2 268 663	01/12/94	Great Britain					
		58-88961	05/27/83	Japan					X
		59-44140	03/12/84	Japan				X	
		59-081947	05/11/84	Japan (English Abstract)					X
		61077449	04/21/86	Japan (English Abstract)					X
		62-61437	03/18/87	Japan					X
		62-77730	04/09/87	Japan	↓		↓		X
T·D		62-221267	09/29/87	Japan (English Abstract)	—		—		X

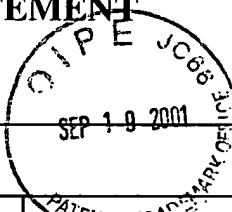| EXAMINER *D手NL⁊ ⁊⁊m*	Date Considered *2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748			
			Confirmation No.: 3864			
	Applicant(s): Raghu Sharma et al.					
	Filing Date: 24 January 2001		Group: 2661			

T·D		63-019951	01/27/88	Japan (English Abstract)	—		—		X
		63-48030	02/29/88	Japan	↑		↑		X
		63-54052	03/08/88	Japan					X
		63-64460	03/22/88	Japan (English Abstract)					X
		63-105533	05/10/88	Japan					X
		63-124658	05/28/88	Japan					X
		63-155831	06/29/88	Japan					X
		63-169850	07/13/88	Japan					X
		61054052	08/03/88	Japan					X
		64-16043	01/19/89	Japan					X
		64-18329	01/23/89	Japan (English Abstract)					X
		01068052	03/14/89	Japan (English Abstract)					X
		1-181344	07/19/89	Japan					X
		1-198144	08/09/89	Japan				X	
		02034077	02/05/90	Japan					
		2-67847	03/07/90	Japan					X
		2-107027	04/19/90	Japan					X
		2-145097	06/04/90	Japan					X
		193489	07/31/90	Japan					
		257748	10/18/90	Japan					
		03009643	01/17/91	Japan					
		3-58582	03/13/91	Japan					X
		03153152	07/01/91	Japan					
		3-157027	07/05/91	Japan					X
		03162052	07/12/91	Japan					
↓		03237853	10/23/91	Japan	↓		↓		
T·D		U 3-115458	11/28/91	Japan	—		—		

EXAMINER	Date Considered
ᴅ ᴀᴛᴛᴠᴏ ᴛᴏᴘᴠ	2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748			
			Confirmation No.: 3864			
	Applicant(s): Raghu Sharma et al.					
	Filing Date: 24 January 2001		Group: 2661			

		03280797	12/11/91	Japan	–	–			
		4-35137	02/05/92	Japan				X	
		04319847	11/10/92	Japan					
		5-504687	07/22/93	Japan				X	
		2790977	07/21/95	Japan				X	
		WO 87/01254	02/26/87	PCT					
		WO 91/05419	04/18/91	PCT					
		WO 91/07044	05/16/91	PCT					
		WO 91/15067	10/03/91	PCT					
		WO 92/06550	04/16/92	PCT					
		WO 92/20028	11/12/92	PCT					
		WO 93/11643	06/10/93	PCT					
		WO 93/22869	11/11/93	PCT					
		WO 94/26056	11/10/94	PCT					
		WO 96/15601	05/23/96	PCT					
		WO 96/15612	05/23/96	PCT	–	–			

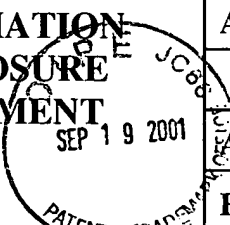| OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)			
			"1983 Index, IEEE Journal on Selected Areas in Communications Vol. SAC-1", pp. 1-13 (1983).
			"A history of video conferencing (VC) technology", 2 pages (date unknown).
			"A Family of 2-Wire, Duplex Modems Operating at Data Signalling Rates", CCITT, V. 32, Facsimile Recommendation (1988).
			"Applications of the MT8841 Calling Number Identification Circuit", Mitel Microelectronics Digital/Analog Communications Handbook, Doc. No. 9161-001-060-NA, Issue 1, pp. 12-307 (1993).
			"Communications for the Information Age", IEEE Global Telecommunications Conference & Exhibition, 1 of 3, pp. 34-36 (Nov. 28 - Dec. 1).
			"Composite Mini-Packet Switching", IBM Technical Disclosure Bulletin, 32(5A):162-164 (1989).

EXAMINER	Date Considered
	2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT SEP 1 9 2001	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

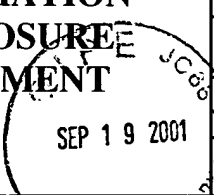|			
T·i)			"Data Communication Networks: Services and Facilities, Terminal Equipment and Interfaces, Recommendations X.1-X.29", CCITT Yellow Book, Volume VIII-Fascicle VIII.2, pp. 100-190 (1981).
			"Data Communication Over the Telephone Network", CCITT Blue Book, Vol. VIII, (1989).
			"Data Communication Networks: Transmission, Signalling and Switching, Network Aspects, Maintenance, Administrative Arrangements, Recommendations X.40-X.180", CCITT Yellow Book, Volume VIII-Fascicle VIII.3, pp. 142-208 (1980).
			"Data Communication Over the Telephone Network: Data Compression Procedures for Data Circuit Terminating Equipment (DCE) Using Error Correction Procedures", CCITT Recommendation V. 42 bis (1990).
			"Data Communication Over the Telephone Network: Definitions of Terms Concerning Data Communication over the Telephone Network", ITU-T Recommendation V. 7 (1993).
			"DEC Sound/Picture Information Network, (DECspin) for ULTRIX, Version 1.0", Digital Corp., 4 pages (1992).
			"Dial-up comm server", LAN Technology, 7(12):87 (1991).
			"Error Control for Voice/Data Packet Network", IBM Technical Disclosure Bulletin, 29(7):3092-3095 (1986).
			"Error-Correcting Procedures for DCES Using Asynchronous-to-Synchronous Conversion", CCITT V.42, Vol. VIII, pp. 296-370 (1988).
			"Experimental Internet Stream Protocol, Version 2 (ST-II)", Network Working Group, CIP Working Group, 148 pages (1990).
			"Forthcoming Special Issues and Mini-Special Issues of IEEE Journal on Selected Areas in Communications and IEEE Transactions on Communications for 1984-1985", IEEE Journal on Selected Areas in Communications, SAC-1(6):1155-1158 (1983).
			"Full Duplex Speakerphone", IBM Technical Disclosure Bulletin, 29(12):5599-5602 (1987).
√			"Go Global Without Leaving Your Office", Artel Technology, 4 pages (date unknown).
T·i)			"High Speed Data Pump Chip Sets", AT&T Microelectronics, pp. 1-91 & F1-F20 (Dec. 1991).

EXAMINER *D /H/V/L> /Dn/*	Date Considered *2/13/0 1*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT SEP 1 9 2001	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

T·J			"Information Processing Techniques Program. Volume II. Wideband Integrated Voice/Data Technology", Massachusetts Inst. of Tech., Lexington, Lincoln Lab, 36 pages (1978).
			"Integrated Voice/Data PABX", IBM Technical Disclosure Bulletin, pp. 1537-1538 (Sept. 1986).
			"ISDN Systems: Architecture, Technology, and Applications", Prentice-Hall, Inc., Englewood Cliffs, New Jersey (1990).
			"Jane's Military Communications, 1981", Jane's Publishing Company Limited, London (1981).
			"Jane's Military Communications, 1982", Jane's Publishing Company Limited, London (1982).
			"Jane's Military Communications, 1983", Jane's Publishing Company Limited, London (1983).
			"Jane's Military Communications, 1986", Jane's Publishing Company Limited, London (1986).
			"Jane's Military Communications, 1987", Jane's Publishing Company Limited, London (1987).
			"Mechanism for Integrating Voice and Data on a Transmission Channel", IBM Technical Disclosure Bulletin, 30(5):208-209 (1987).
			"Method and Apparatus for the Statistical Multiplexing of Voice, Data, and Image Signals", IBM Technical Disclosure Bulletin, 35, pp. 409-411 (Nov. 1992).
			"Mitel MT8841 Calling Number Identification Circuit", Mitel Microelectronics Digital/Analog Communications Handbook, Doc. No. 9161-952-007-NA, Issue 9, pp. 8-93 - 8-102 (1993).
			"Mitel MT8841 Calling Number Identification Circuit, Issue 4", 16 pages (1995).
			"Mitsubishi Still Color Picture TV Phone", Techno Japan, 23(6) (June 1990).
			"MultiX25 - X.25 PAD, The New MultiX25 PAD 8 Port X.25 Packet Assembler/Disassembler for Public and Private Data Networks", MultiTech Systems.
			"Network Speech. System Implications of Packetized Speech", Massachusetts Institute of Tech., Lexington, Lincoln Laboratory, 30 pages (1976).
T·J			"Northern Telecom's Displayphone", What Telephone, pp. 56-59 (year unknown).

EXAMINER *D Amlo pun*	Date Considered *2/13/05*

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
			Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.		
	Filing Date: 24 January 2001		Group: 2661

T-η			"One Per Desk (OPD)", Product Description, 24 pages (dated 2000).
			"Output Throttle Mechanism", <u>IBM Technical Disclosure Bulletin</u>, <u>32</u>(11):274-279 (1990).
			"PC-Based ISDN Visual Communication System, Preliminary Information", <u>Artel Technology</u>, 2 pages (date unknown).
			"Pen Telephone Brochure", <u>Shimadzu</u>, Published Prior to Applicant's Invention.
			"PICFON Card Brochure", <u>Specom Technologies Corp.</u>, Published Prior to Applicant's Invention.
			"PICTURETEL, PictureTel's High Performance VideoConferencing is Redefining the Way the World Meets", <u>PictureTel Corporation</u>, 3 pages (date unknown).
			"Radish System Lets Phone Users Send Voice, Data Simultaneously", <u>PC Week</u>, <u>9</u>(19):53 (May 11, 1992).
			"Report on the MBone evaluations", 3 pages (date unknown).
			"Series V: Data Communication over the Telephone Network, Error control, Error-correcting procedures for DCEs using asynchronous-to-synchronous conversion", <u>ITU-T Recommendation V. 42</u>, pp. 1-66 (1996).
			"Speech Data Adaptive Multiplexer", <u>IBM Technical Disclosure Bulletin</u>, <u>27</u>(2):969 (July 1994).
			"STU-III Handbook for Industry", <u>Department of Defense Security Institute</u>, 10 pages (Feb. 1997).
			"T7540 Digital Telephone CODEC Preliminary Data Sheet", <u>AT&T Microelectronics</u>, pp. 1-64 (Jan. 1991).
			"T7540 Digital Telephone CODEC Data Sheet and Addendum", <u>AT&T Microelectronics</u>, pp. 1-4 (July 1991).
			"TechTips - A Periodic Round-up of Technical Applications, Notes and Information on MultiTech's Data Communications Products", <u>MultiTech Systems</u>, <u>2</u>(2) (May 1992).
			"Telewriter Product Description", <u>Optel Communications, Inc.</u>, Published Prior to Applicants Invention.
			"Telewriting Terminal Equipment", <u>CCITT</u>, Recommendation T. 150, pp. 228-277 (1988).
T-η			"The Photophone", GTE Product Brochure, (Feb. 15, 1990).

EXAMINER *D ΠΙᵛᶜ⟩ Πᴜⁿᵛ*	**Date Considered** *2/13/0ſ*

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

SEP 1 9 2001

I.I)			"Token-Ring Migration to Switched LAN Interconnect--A technical White Paper", pp. 1-19 (date unknown).
⚡			"Videowriter '91 Product Description", Optel Communications, Inc. (1991).
			"Voice/Data Concentrator", IBM Technical Disclosure Bulletin, pp. 3066-3067 (Jan. 1979).
			"WE DSP16C Digital Signal Processor/CODEC Preliminary Data Sheet", AT&T Microelectronics, pp. 1-64 (May 1991).
			"Z84C01 Z80 CPU with Clock Generator/Controller", Zilog Intelligent Peripheral Controllers, pp. 43-73 (1991).
			"Z84C90 CMOS Z80 KIO Serial/Parallel/counter/timer", Zilog Intelligent Peripheral Controllers, pp. 205-224 (1991).
			Abbiate et al., "Voice and Data Transmission", IBM Technical Disclosure Bulletin, 27(1B):524-525 (1984).
			Addeo et al., "Personal Multi-Media Multi-Point Communication Services for Broadband Networks", Globecom '86: IEEE Global Telecommunications Conference, December 1-4, 1986, Houston, Texas, Conference Record, vol. 1 of 3, pp. 0053-0057 (1988).
			Ades et al., "Protocols for Real Time Voice Communication on a Packet Local Network", University of Cambridge Computer Laboratory, 6 pages (date unknown).
			Adolphs et al., "Adapters for the Public ISDN", Electrical Communication, 61(1) 9 pages (1987).
			Adolphs et al., "Subsets, Terminals, and Terminal Adapters for the Public ISDN", Electrical Communication, 61(1):72-80 (1987).
			Aguilar et al., "Architecture for a Multimedia Teleconferencing System", ACM 0-89791-201-2/86/0800-0126, pp 126-136 (1986).
			Ahuja et al., "The Rapport Multimedia Conferencing System", Conference on Office Information Systems, March 23-25, 1988, Palo Alto, California, Association for Computing Machinery, Inc., pp. 1-8 (1988).
|/			Aikoh et al., "A New TDM Technique for Voice, Data and Video Transmission", Globecom '87, Nov. 15-18, 1987, Tokyo, Japan, pp. 28.7.1 - 28.7.5 (1987).
I.I)			Akaiwa et al., "An Integrated Voice and Data Radio Access System", IEEE, pp. 255-258 (1992).

EXAMINER *D ĦTИ́Ꮯ₁ ꝯᴗ/ᴠ*	Date Considered *2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

Stamp: SEP 19 2001

T.H			Akiyama et al., "Digital Sketchphone--Telewriting Terminal for INS Model System--" Review of the Electrical Communication Laboratories, 33(2):250-259 (1985).
			Anderson et al., "Toolkit Support for Multiuser Audio/Video Applications", pp. 230-241 (date unknown).
			Andrews et al., "Faster Packets For Tomorrow's Telecommunications", AT&T Technology, 3(4):25-33 (date unknown).
			Angebranndt et al., "Integrating Audio and Telephony in a Distributed Workstation Environment", Proceedings of the Summer 1991 Usenix Conference, June 10-14, 1991, Nashville, Tennessee, pp. 419-435 (1991).
			Aoki et al., "Protocol Processing for High-Speed Packet Switching Systems", Proceedings of the International Seminar, Zurich, Switzerland, March 11-13, 1986, pp. 125-130 (1986).
			Arango et al., "Touring Machine: A Software Platform for Distributed Multimedia Applications", Submitted to the 1992 IFIP International Conference on Upper Layer Protocols, Architectures, and Applications, Vancouver, Canada, May 1992, 12 pages (1992).
			Armbruster, Heinrich, "Broadband ISDN--The Network of the Future: Applications and Compliance with User Requirements", Globecom '86: IEEE Global Telecommunications Conference, December 1-4, 1986, Houston, Texas, Conference Record, vol. 1 of 3, pp. 0484-0490 (1986).
			Arthurs et al., "Traffic Analysis Tools for Integrated Digital Time-Division Link Level Multiplexing of Synchronous and Asynchronous Message Streams", IEEE Journal on Selected Areas in Communications, SAC-1(6):1112-1123 (1983).
			ATT&T Modem Designer's Guide, AT&T Microelectronics (Oct. 25, 1993).
			Ball et al., "A Multimedia Network Interface", 6 pages (date unknown).
			Barberis et al., "Analysis and Optimal Design of a Packet-Voice Receiver", IEEE Transactions on Communications, COM-28(2):217-227 (1980).
T.J			Barberis et al., "Coded Speech in Packet-Switched Networks: Models and Experiments", IEEE Journal on Selected Areas in Communications, SAC-1(6):1028-1038 (1983).

EXAMINER *D. Annic Jun*	Date Considered *2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
			Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.		
	Filing Date: 24 January 2001		Group: 2661

SEP 1 9 2001
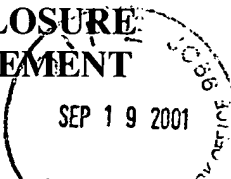
Γ·Λ			Beadle et al., "The Human Side of Multimedia Telecommunications", Appears in Proceedings of the 2nd Australian Multimedia Communications, Applications and Technology Workshop, AOTC Ltd, Melbourne, July 13-14, 1992, 11 pages (1992).
			Beckmann, William H., "Voice and Data Integration: An Applications Perspective", LOCALNET '84, Proceedings of the conference held in San Diego USA, October 1, Online Publications, New York, pp. 303-327 (1984).
			Bellamy, John, "Digital Telephony" John Wiley & Sons, New York, pp. 392-412 (1982).
			Bellcore Technical Reference TR-NWT-000030, Issue 2,(Oct. 1992).
			Bially et al., "Voice Communication in Integrated Digital Voice and Data Networks", IEEE Transactions on Communications, COM-28(9):1478-1490 (1980).
			Blair et al., "Incorporating Multimedia in Distributed Open Systems", Presented at EUUG Spring Conference, Tromso, Norway, April 1991, 12 pages (1991).
			Blair et al., "Orchestration Services for Continuous Media Communications", Presented at 4th Bangor Communication Symposium, Bangor, Gwynedd, 27-28th May, 1992, 10 pages (1992).
			Blanc et al., "Voice/Data Multiplexing in a Multi-Signal Processor-Synchronized Architecture", IBM Technical Disclosure Bulletin, 28(5):2059-2060 (1985).
			Boese et al., "The Multimedia SCP", IEEE/IEICE Global Telecommunications Conference 1987, Nov. 15-18, 1987, Tokyo, Japan, Conference Record, vol. 1 of 3, pages 112 and 116 (1991).
			Borgnis-Desbordes et al., "Variable-Speed Data Transmission", IBM Technical Disclosure Bulletin, 27(4A):2269-2270 (1984).
			Borgnis-Desbordes et al., "Voice and Data Transmission", IBM Technical Disclosure Bulletin, 25(8):4474-4475 (1983).
			Brown, Howard, "British Telecom's ISDN", Computer Communications, 11(4):177-180 (1988).
Γ·Λ			Bubenik et al., "Multipoint Connection Management in High Speed Networks", INFOCOM '91: Proceedings of the Tenth Annual Joint Conference of the IEEE Computer and Communications Societies, pp. 59-68 (1991).

EXAMINER ᗐ ᕼ᙭ᑎᑕᒪ ᑎᗝᑎ	Date Considered 2 /13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
SEP 1 9 2001	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

T.O			Cain, Roger W., "Microprocessor Based 9600 BPS Modem", <u>ICASSP 85: IEEE International Conference on Acoustics, Speech, and Signal Processing, March 26-29, 1985, Tampa, Florida, Proceedings, vol. 4 of 4</u>, pp. 1633-1636 (1985).
			Callens et al., "Speech Data Adaptive Multiplexer", <u>IBM Technical Disclosure Bull.</u>, <u>27</u>:969 (July 1984).
			Campbell et al., "A Continuous Media Transport and Orchestration Service", Presented at <u>ACM SIGCOMM '92, Maryland, USA</u>, 12 pages (1992).
			Casale et al., "Statistical voice/high speed data multiplexing on a 64 kbit/s channel", <u>Phoenix Conference on Computers and Communications</u>, Scottsdale, AZ, pp. 459-464 (March 27, 1991).
			Casner et al., "First IETF Internet Audiocast", Reprinted from <u>ACM SIGCOMM Computer Communications Review, Vol. 22, No. 3 (July 1992)</u>, ISI Reprint Series ISI/RS-92-293, pp. 1-6 (1992).
			Casner et al., "N-Way Conferencing with Packet Video", Reprinted from the Proceedings of <u>The Third International Workshop on Packet Video, 22-23 March 1990 in Morristown, New Jersey</u>, ISI Reprint Series ISI/RS-90-252, pp. 1-6 (1990).
			Cerf, V., "Packet Satellite Technology Reference Sources", <u>Defense Advanced Research Projects Agency</u>, 5 pages (dated 1982).
			Chao, H. Jonathan, "Design of Transmission and Multiplexing Systems for Broadband Packet Networks", <u>IEEE Journal on Selected Areas in Communications</u>, <u>6</u>(9):1511-1520 (1988).
			Chao et al., "A Packet Video System Using The Dynamic Time Division Multiplexing Technique", <u>Globecon '86: IEEE Global Telecommunications Conference, Conference Record, vol. 3 of 3</u>, pp. 0767-0772 (1986).
			Chen et al., "A Fair Integrated Voice/Data Protocol for Token Ring Networks", <u>Globecom '90: IEEE Telecommunications Conference & Exhibition, December 2-5, 1990, San Diego, California, Conference Record, vol. 3 of 3</u>, pp. 1416-1420 (1990).
			Chen et al., "Integrated Voice/Data Switching", <u>IEEE Communications Magazine</u>, <u>26</u>(6):16-26 (1988).
T.O			Chen, Juin-Hwey, "A Robust Low-Delay CELP Speech Coder at 16 Kbits/s", CH2682-3/89/0000-1237, IEEE, pp. 1237-1241 (1989).

EXAMINER *Dave Ton*	Date Considered *2/15/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce
(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT SEP 1 9 2001	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

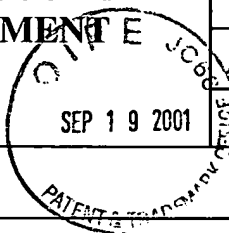|			
_/'/)_			Chiariglione et al., "Multimedia Communication at the Basic ISDN Access", CH2190-7/85/0000-0363, IEEE, pp. 363-367 (1985).
			Chiou et al., "GATENET: A Voice/Data Internet Transport System", IEEE Infocom '86: Fifth Annual Conference, April 8-10, 1986, Miami, Florida, pp. 39-46 (1986).
			Chlamtac, Imrich, "An Ethernet Compatible Protocol for Real-Time Voice/Data Integration", Computer Networks and ISDN Systems, 10(2):81-96 (1985).
			Chlamtac et al., "Performance of Integrated Services (Voice/Data) CSMA/CD Networks", ACM 0-89791-169-5/85/007/0087, pp. 87-93 (1985).
			Choi et al., "An Efficient Multiplexing Technique for Packet-Switched Voice/Data Networks", Proceedings of the IEEE, 76(9):1254-1256 (1988).
			Chujo et al., "Personal Communication Terminals for ISDN", Globecom '87, Nov. 15-18, 1987, Tokyo, Japan, pp. 19.4.1 - 19.4.5 (1987).
			Clark et al., "Supporting Real-Time Applications in an Integrated Services Packet Network: Architecture and Mechanism", ACM 0-89791-526-7/92/0008/0014, pp 14-26 (1992).
			Cohen, Danny, "A Network Voice Protocol NVP-II", USC/Information Sciences Institute, 71 pages (dated 1981).
			Cohen, Danny, "Packet communication of online speech", 1981 National Computer Conference, May 4-7, 1981, Chicago Illinois, Conference Proceedings, pp. 169-176 (1981).
			Cohen, Danny, "Satellite Communication of Real-Time Packet Video Images", Preprinted from the Proceedings of the Seventh International Conference on Computer Communication, Sydney, Australia, 30 October 2 November 1984, pp. 1-8 (1984).
			Cohen, Danny, "Specifications for the Network Voice Protocol (NVP)", NSC Note 68, 35 pages (1977).
_\/_			Cohen, Danny, "Using Local Area Networks for Carrying Online Voice", Local Computer Networks, North-Holland Publishing Company, Amsterdam, pp 13-21 (1982).
_/'/)_			Cohen, Danny, "A Voice Message System", Proceedings of the IFIP TC-6 International Symposium on Computer Message Systems, April 6-8, 1981, Ottawa, Canada, pp. 17-28 (1981).

EXAMINER _D/nl/, /2m/_	Date Considered _2/ 1 3/05_

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

T'r)			Cole, Randy, "Packet Voice: When it Makes Sense", Speech Technology, pp. 52-61 (Sept/Oct 1982).
			Cole, Randy, "PVP-A Packet Video Protocol", Information Sciences Institute, University of Southern California, 15 pages (dated 1981).
			Coulson et al., "Group Presentation of Multimedia Applications in IXION", In Computer Communications, 14(4):205-215 (1991).
			Crauwels et al., "Voice Response for Data Processing Equipment", IBM Technical Disclosure Bulletin, 24(11B):5890-5895 (1982).
			Crowcroft et al., "Multimedia TeleConferencing over International Packet Switched Networks", TriComm '91: IEEE Conference on Communications Software: Communications for Distributed Applications & Systems, April 18-19, 1991, Chapel Hill, North Carolina, pp. 23-33 (1991).
			Cruz et al., "Tools to Support Conversational Multimedia", Globecom '91: IEEE Global Telecommunications Conference, December 2-5, 1991, Phoenix, Arizona, Conference Record, vol. 3 of 3, pp. 2064-2068 (1991).
			Cuperman et al, "Backward Adaptive Configurations for Low-delay Vector Excitation Coding", Advances in Speech Coding, pp. 13-23 (Jan. 1, 1996).
			Data Sources, 11(2):G-38 (1992).
			Davies et al., "Experiences of Handling Multimedia in Distributed Open Systems", Published in Proc. 3rd Usenix International Symposium on Experiences with Distributed and Multiprocessor Systems, Newport Beach, CA, USA, March 1992, 19 pages (1992).
			Davies et al., "A Technological Perspective on Multimedia Computing", Computer Communications, 14(5):1-19 (1992).
			Decina et al., "Voice by the Packet?", IEEE Journal on Selected Areas in Communications, SAC-1(6):961-962 (1983).
			Delgrossi et al., "HeiTP-A Transport Protocol for ST-II", 0-7803-0608-2/92/53, IEEE, 1 page (1992).
			DeSchon, Annette, "Voice Terminal (VT) Program", USC Information Sciences Institute, 20 pages (dated 1991).
T'r)			DeTreville et al., "A Distributed Experimental Communications System", IEEE Journal on Selected Areas in Communications, SAC-1(6):1070-1075 (1983).
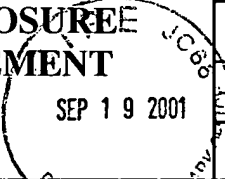
EXAMINER	Date Considered
D Ant(c) pur	*2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

$T \cdot \theta$			Devault et al., "The 'Prelude' ATD Experiment: Assessments and Future Prospects", IEEE Journal on Selected Areas in Communications, 6(9):1528-1537 (1988).
			Doll, Dixon R., "Data Communications: Facilities, Networks, and Systems Design", John Wiley & Sons, New York (1978).
			Donovan, Terry, "The mux and modem march on", Communicate, pp. 30-33 (1990).
			Dunlap, Jr. et al., "Personal Computer Communications Via Telephone Facilities", IEEE Journal on Selected Areas in Communications, SAC-3(3):399-407 (1985).
			Dunlop, John, "Techniques for the integration of packet voice and data on IEEE 802.3 LANs", Computer Communications, 12(5):273-280 (1989).
			Economou et al., "FBC-Net: a reverse round robin LAN for voice and data traffic", Computer Communications, 14(1):44-52 (1991).
			Eigen, Daryl J., "Narrowband and Broadband ISDN CPE Directions", IEEE Communications Magazine, pp. 39-46 (April 1990).
			Eigen et al., "Subscriber Access to Broadband ISDN", CH2298-9/86/0000-1410, IEEE, pp. 1410-1415 (1986).
			Elbert, Bruce R., "Private Telecommunication Networks", Artech House, Inc., Norwood, Massachusetts (1989).
			Elhakeem et al., "Spread-Spectrum Access to Mixed Voice-Data Local Area Networks", IEEE Journal on Selected Areas in Communications, SAC-1(6):1054-1057 (1983).
			Erskine et al., "VoicePump: Voice-Over-Data Modem technology Utilizing ASM-CELP Speech Compression at 4800, 7200 and 9600 Bits per Second", Proceedings of the International Conference on Signal Processing Applications and Technology, 2:1425-1429 (Sept. 28, 1993).
			Falk et al., "Integration of Voice and Data in the Wideband Packet Satellite Network", IEEE Journal on Selected Areas in Communications, SAC-1(6):1076-1083 (1983).
$T \cdot \eta$			Fang, Russell J.P., "Personal and Thin-Route Communications via K-Band Satellite Transponders", CH2981-9-91-0000-1177, IEEE, pp. 1177-1182 (1991).

EXAMINER $\mathcal{D}$ $\#\pi r\angle_\gamma$ $\nearrow \mathcal{D}n$ /	Date Considered 2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
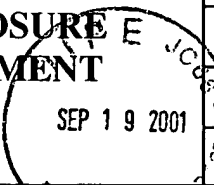
INFORMATION DISCLOSURE STATEMENT SEP 1 9 2001	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

T.J			Ferrari et al., "A Scheme for Real-Time Channel Establishment in Wide-Area Networks", IEEE Journal on Selected Areas in Communications, 8(3):368-379 (1990).
			Field et al., "α-Channel, A Network Level Abstraction To Support Real-Time Communication", Computer Science Department, University of Pittsburgh, 12 pages (date unknown).
			Forgie, James W., "Voice Conferencing in Packet Networks", ICC '80: International Conference on Communications, June 8-12, 1980, Seattle, Washington, Conference Record, vol. 1 of 3, 21.3.1 - 21.3.4 (1980).
			Forgie et al., "An Efficient Packetized Voice/Data Network Using Statistical Flow Control", 1977 International Conference on Communications, June 12-15, Chicago, Illinois, vol. 3 of 3, pp. 44-48 (1977).
			Forgie, James W., "Speech transmission in packet-switched store-and-forward networks", AFIPS Conference Proceedings, 1975 National Computer Conference, May 19-22, 1975, Anaheim, California, pp. 137-142 (1975).
			Forsdick et al., "Explorations into Real-time Multimedia Conferencing", Computer Message Systems, 85:331-347 (1986).
			Frangoudes et al., "Software for Broadband Systems: An ISDN Based Approach", pp. 286-291 (date unknown).
			Friedman et al., "Packet Voice Communications Over PC-Based Local Area Networks", IEEE Journal on Selected Areas in Communications, 7(2):211-218 (1989).
			Gaddis et al., "A Call Model For Multipoint Communication in Switched Networks", From ICC '92: Proceedings of the IEEE International Conference on Communications, pp. 609-615 (1992).
			Gergaud et al., "Voice and Data Transmission", IBM Technical Disclosure Bulletin, 25(6):2727-2728 (1982).
			Gergaud, C., "Voice Data Integration on a Transmission Link", IBM Technical Disclosure Bulletin, 26(11):5780-5781 (1984).
			Gitman et al., "Economic Analysis of Integrated Voice and Data Networks: A Case Study", Proceedings of the IEEE, 66(11):1549-1570 (1978).
T.J			Gitman et al., "Issues in Integrated Network Design", ICC 77: 1977 International Conference on Communications, June 12-15, Chicago, Illinois, Conference Record, vol. 3 of 3, pp. 38.1-36 - 38.1-43 (1977).

EXAMINER	Date Considered
signature	2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
SEP 1 9 2001	Filing Date: 24 January 2001	Group: 2661

T*()			Globecom '85: IEEE Global Telecommunications Conference, December 2-5, 1985, New Orleans, Louisiana, Conference Record, vol. 1 of 3, 1 page (2 copies) (1985).
			Globecom '92: IEEE Global Telecommunications Conference, December 6-9, 1992, Orlando, Florida, Conference Record, volume 1 of 3, 1 page (1992).
			Gold, Bernard, "Digital Speech Networks", Proceedings of the IEEE, 65(12):1636-1658 (1977).
			Golestani, S. Jamaloddin, "Duration-Limited Statistical Multiplexing of Delay-Sensitive Traffic in Packet Networks", IEEE Infocom '91: Tenth Annual Joint Conference of the IEEE Computer and Communications Societies, Proceedings, vol. 1, pp. 0323-0332 (1991).
			Gonet, P., "Fast packet approach to integrated broadband networks", Computer Communications, 9(6):292-298 (1986).
			Gopalakrishnan et al., "Integrating voice and data SALAN: an experimental local area network", Computer Communications, 9(4):186-194 (1986).
			Goutmann, Michel M., "Digital Conferencing Units, Third Quarterly Report", Defense Technical Information Center, AD18849, 36 pages (1974).
			Gruber et al., "Performance Requirements for Integrated Voice/Data Networks", IEEE Journal on Selected Areas in Communications, SAC-1(6):981-1005 (1983).
			Gulick et al., "Interface the ISDN to your PC with a Voice/Data Board", Electronic Design, 35(29):85-88 (Dec. 10, 1987).
			Hart et al., "A Low Cost System for Interactive Transmission of Text and Voice in Distance Education", Second Symposium on Computer Conferencing and Allied Technologies, University of Guelph, Guelph, Ontario, Canada, June 1-4, 1987, pp. 263-269 (1987).
			Hattori et al., "Integrated Digital Switching System with Queueing Storage Facility", IEEE Transactions on Communications, COM-30(8):1900-1905 (1982).
			Heggestad, Harold M., "Voice and Data Communications on an Experimental Wideband Internetwork System", Journal of Telecommunication Networks, pp. 131-146 (date unknown).
T*()			Hoberecht, William L., "A Layered Network Protocol for Packet Voice and Data Integration", IEEE Journal on Selected Areas in Communications, SAC-1(6): 1006-1013 (1983).

EXAMINER ⟨signature⟩	Date Considered 2/13/05

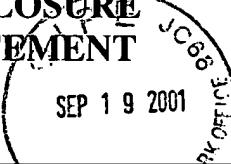| INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
SEP 1 9 2001	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

Tíl			Honda et al., "Communications Processing Gateway Switching System", Review of the Electrical Communication Laboratories, 32(6):957-966 (1984).
			Hopper, Andy, "Design and Use of High-Speed Networks in Multimedia Applications", Published in Proceedings of 3rd IFIP Conference on High Speed Networking Berlin, March '91, 15 pages (1991).
			Hopper, Andy, "Digital Video on Computer Workstations", To be published in Proceedings of Eurographics '92, September 1992, 15 pages (dated 1992).
			Hopper, Andy, "Pandora-an experimental system for multimedia applications", published in Operating Systems Review, pp. 1-16 (dated January 12, 1990).
			Hosoda et al., "A 32 kbit/s ADPCM Algorithm Having High Performance for Both Voice and 9.6 kbit/s Modem Signals", IEEE Journal on Selected Areas in Communications, pp. 262-272 (1988).
			Huang et al., "MHTP-A Multimedia High-Speed Transport Protocol", Globecom '92: IEEE Global Telecommunications Conference, December 6-9, 1992, Conference Record, vol. 3 of 3, pp. 1364-1369 (1992).
			Huang et al., "Multifunction Workstation Integrated Voice/Data/Graphics for the ISDN Environment", IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, May 9-10, 1991, Victoria, B.C., Canada, Conference Proceedings, vol. 2 of 2, pp. 441-444 (1991).
			Huang, Nian-Chyi, "An Integrated Voice/Data Network Architecture using Virtual Circuit Switching", CH2190-7/85/0000-0542, IEEE, pp. 542-546 (1985).
			Huelamo et al., "End User Premises Equipment and Terminals for Broadband Applications", Electrical Communication, 64(2/3), 11 pages (1990).
			Ibe et al., "Treenet: an Integrated Metropolitan Area Network", Globecom '85: IEEE Global Telecommunications Conference, December 2-5, 1985, New Orleans, Louisiana, Conference Record, vol. 1 of 3, pp. 262-266 (1985).
			Ichikawa et al., "High-Speed Packet Switching Systems for Multimedia Communications", IEEE Journal on Selected Areas in Communications, SAC-5(8):1336-1345 (1987).
			Isozaki, Kiyoshi, "Commercial CAPTAIN System", JTR, pp. 246-253 (October 1983).
Tr þ			Jacobson, V., "TCP Extensions for High Performance", Network Working Group, 35 pages (dated 1992).

EXAMINER *D アハ//c-, ノレ刀r*	Date Considered *2 / / ぅ/0 ʃ*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

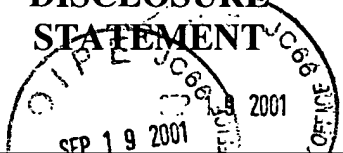| INFORMATION DISCLOSURE STATEMENT SEP 1 9 2001	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
			Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.		
	Filing Date: 24 January 2001		Group: 2661

T-O			Jacobson et al., "TCP Extension for High-Speed Paths", Network Working Group, 20 pages (dated 1990).
			Jacobson, D.W., "Design and Implementation of an Integrated Voice, Data, and Video Services Network", IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, June 1st -2nd, 1989, Victoria, B.C., Canada, pp. 500-505 (1989).
			Janakiraman, Natesa, "An Overview of Recent Developments in the Designs and Applications of Customer Premises Switches", IEEE Communications Magazine, 23(10):32-45 (1985).
			Jander, Mary, "A Voice/Data/Fax Multiplexer", New Products/WAN, 19(6):146 (1990).
			Jander, Mary, "Voice over packet networks: A solution available now", Data Communications, 19(2):129 (1990).
			Jeffay et al., "Designing a Workstation-Based Conferencing System Using the Real-Time Producer/Consumer Paradigm", Defense Technical Information Center, AD-A242 046, 20 pages (1990).
			Jeffay et al., "Kernel Support for Live Digital Audio and Video", University of North Carolina at Chapel Hill, Department of Computer Science, pp. 10-20 (date unknown).
			Jenq, Yih-Chyun, "Performance Analysis of a Packet Switch Based on Single-Buffered Banyan Network", IEEE Journal on Selected Areas in Communications, SAC-1(6):1014-1038 (1983).
			Johnson et al., "A Local Access Network for Packetized Digital Voice Communication", IEEE Transactions on Communications, COM-29(5):679-688 (1981).
			Johnston et al., AT&T News Release, Monday, January 6, 1992, 2 pages.
			Jordan et al., "Communications and Networking for the IBM PC", Robert J. Brady Company, Bowie Maryland, 3 pages (1983).
			JP 63054052, Patent Abstracts of Japan, vol. 15, no. 397 (E-1120), October 8, 1991.
T-O			JP 3162052, Patent Abstracts of Japan, vol. 12, no. 273 (E-639), July 29, 1988.

EXAMINER *D Amlc* *Turm*	Date Considered 2/13/05

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

SEP 1 9 2001 stamp — PATENT & TRADEMARK OFFICE
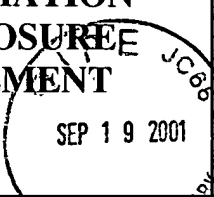
T_{t0}			Kadoch et al., "A Distributed Queue Metropolitan Area Network for Combined Video, Voice, Wideband Data and Narrowband Data", IEEE Global Telecommunications Conference & Exhibition, November 27-30, 1989, Dallas, Texas, Conference Record, vol. 1 of 3, pp. 0152-0156 (1989).
				Kamae, T., "Visual Terminals and User Interfaces", pp. 257-278 (date unknown).
				Kamae, T., "Voice/Data Integration in the INS Model System and Local Area Networks", IEEE Communications Magazine, 24(12):7-15 (1986).
				Kamae et al., "Customer Equipment for New Services in INS Model System", Proceedings of the Seventh International Conference on Computer Communication, Sydney, Australia, 30 October-2 November 1984, pp. 72-76 (1984).
				Kapauan et al., "Wideband Packet Access for Workstations: Integrated Voice/Data/Image Services on the UNIX PC", CH2298-9/86/0000-1439, IEEE, pp. 1439-1441 (1986).
				Kashorda et al., "Simultaneous Voice/Data Transmission over a Single 64 Kb/s ISDN Bearer Channel", Third IEE Conference on Telecommunications, Institution of Electrical Engineers, London, pp. 281-300 (1991).
				Kessler, Gary C., "ISDN: Concepts, Facilities, and Services", McGraw-Hill, Inc., New York, pp. 224-231 (1990).
				Kim, Byung G., "Characterization of Arrival Statistics of Multiplexed Voice Packets", IEEE Journal on Selected Areas in Communications, SAC-1(6):1133-1141 (1983).
				Kim, Byung G., "Integrated Voice/Data Multiplexers with Slotted and Nongated Packet Services", IEEE Transactions on Communications, 36(2):228-231 (1988).
				Kim et al., "Dynamic Flow Control Protocols for Packet-Switching Multiplexers Serving Real-Time Multipacket Messages", IEEE Transactions on Communications, COM-34(4):348-356 (1986).
				Kimura et al., "Basic Scheme for the INS Network", Review of the Electrical Communications Laboratories, 33(5):751-756 (1985).
T_{t0}				King, Tony, "Pandora: An Experiment in Distributed Multimedia", To be published in the Proceedings of Eurographics '92, September 1992, 12 pages (1992).

EXAMINER *D. Hung Tran*	Date Considered *2/13/05*

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

T.7			Kishimoto et al., "Simultaneous Transmission of Voice and Handwriting Signals: Sketchphone System", IEEE Transaction on Communication, COM-29, 12, pp. 1982-1986, (Dec. 1981).
			Kitawaki et al., "Speech Coding Technology for ATM Networks", IEEE Communications Magazine, pp. 21-27 (January 1990).
			Kleckner, C. C., "A New Family of Modems for Faster Data Communications", 3 pages (date unknown).
			Kobayashi et al., "Videotex Terminals for the INS Model System", Review of the Electrical Communication Laboratories, 33(2):277-283 (1985).
			Komiya et al., "An approach to the multifunction graphic terminal for the ISDN environment", IEEE Global Telecommunications Conference and Exhibition, 1:32-36 (Nov. 28, 1988).
			Kositpaiboon et al., "Packetized Radiographic Image Transfers over Local Area Networks for Diagnosis and Conferencing", IEEE Journal on Selected Areas in Communications, 7(5):842-856 (1989).
			Kramer, Matt, "Integrated voice/data circus comes to town", PC Week, 7(11):63, 4 pages (1990).
			Krol, Ed, "Faster Than a Speeding Modem... Able to Cary Voice and Data over a Single Telephone Line... It's ISDN", UIUCnet V5-7, 3 pages (1992).
			Kuhar, E., "Digital Data Communication over Twisted Pair Voice Telephone Wiring", IBM Technical Disclosure Bulletin, 25(7A):3482-3487 (1982).
			Laube, M., "Audiographic Terminal", Electrical Communication, 60(1) (1986).
			Lee et al., "Performance Analysis of Statistical Voice/Data Multiplexing Systems with Voice Storage", IEEE Transactions on Communications, COM-33(8):809-819 (1985).
			Leung et al., "A Set of Operating System Mechanisms to Support Multi-Media Applications", 1988 International Zurich Seminar on Digital Communications, March 8-10, 1988, Eth Zurich, Switzerland, pp. B4.1 - B4.6 (1988).
			Leung et al., "A Software Architecture for Workstations Supporting Multimedia Conferencing in Packet Switching Networks", IEEE Journal on Selected Areas in Communications, 8(3):380-390 (1990).
T.7			Leung et al., "The Throughput Efficiency of the Go-Back-N ARQ Scheme Under Markov and Related Error Structures", IEEE Transactions on Communications, 36(2):231-234 (1988).

EXAMINER /) Arn/c7 Don'	Date Considered 2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

SEP 1 9 2001

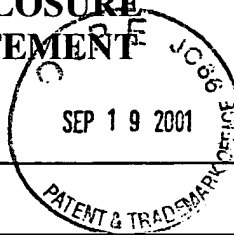|			
Tr()			Leydekkers et al., "Synchronization of Multimedia Data Streams in Open Distributed Environments", pp. 94-104 (date unknown).
			Lichtenberg et al., "Digital PABX Range for the Evolving ISDN", Electrical Communication, 61(1), 10 pages (1987).
			Little et al., "Scheduling of Bandwidth-Constrained Multimedia Traffic", pp. 120-131 (date unknown).
			Liu et al., "A Modified ATM Scheme for Low Bit Rate Multi-Media Applications", CH 3006-4/91/0000-1033, IEEE, pp. 1033-1036 (date unknown).
			Loudermilk et al., "CDPD: a network that wants the airwaves: cellular technology is primed for growth", PC Week, 9(49):26 5 pages (1992).
			Loudermilk, Stephen, "Radish system lets phone users send voice, data simultaneously", PC Week, 9:(19):53 (1992).
			Mahmoud et al., "An Integrated Voice/Data System for VHF/UHF Mobile Radio", IEEE Journal on Selected Areas in Communications, SAC-1(6):1098-1111 (1983).
			Maise et al., "Experiments in Wideband Packet Technology", Digital Communications: New Directions in Switching and Networks, Proceedings of the International Seminar, Zurich, Switzerland, March 11-13, 1986, IEEE Switzerland Chapter on Digital Communication Systems, pp. 135-139 (1986).
			Malek, Manu, "Integrated Voice and Data Communications Overview", IEEE Communications Magazine, 26(6):5-15 (1988).
			Malyat et al., "Using Reservation-Virtual-Time CSMA with Split-Channel Reservation for Packet Voice and Data", pp. 209-212 (date unknown).
			McBain, Alistiar, "The GEC 420 DataPhone--terminal for the ISDN", Computer Communications, 11(1):32-36 (1988).
			McCanne, Steven, "A Distributed Whiteboard for Network Conferencing", Computer Science Division, Electrical Engineering and Computer Science, University of California, Berkeley, 13 pages (1992).
Tr()			McNamara, R.P., "METRONET: An Overview of a CATV Regional Data Network", Eascon '81: IEEE Electronics and Aerospace Systems Conventions, November 16-19, 1981, Washington, D.C., pp. 249-253 (1981).

EXAMINER *D Arvo Ton*	Date Considered *2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT SEP 1 9 2001	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

T·A			McNamara, R.P., "Some Considerations of the Voice-Data Capabilities of Broadband Cable Networks", Compcon 82: Twenty-Fourth IEEE Computer Society International Conference, February 22-25, 1982, San Francisco, California, digest of papers, pp. 312-314 (1982).
			Mednick, Ralph, "Office Information Network: An Integrated LAN", Globecom '85: IEEE Global Telecommunications Conference, December 2-5, 1985, New Orleans, Louisiana, Conference Record, vol. 1 of 3, pp. 451-456 (1985).
			Mera et al., "Multimedia Communication Terminal for Broadband Network", Globecom '87, Nov. 15-18, 1987, Tokyo, Japan, pp. 19.2.1 - 19.2.5 (1987).
			Merritt, Ian H., "Providing Telephone Line Access to a Packet Voice Network", Information Sciences Institute, ISI/RR-83-107, 15 pages (1983).
			Metcalfe et al., "Ethernet: Distributed Packet Switching for Local Computer Networks", reprinted from Communications of the ACM, 19(5):395-404 (1976).
			Mills et al., "A Data and Voice System for the General Service Telephone Network", Proceedings of the International Conference on Industrial Electronics, Control, and Instrumentation, pp. 1143-1148 (Nov. 1987).
			Mochizuki et al., "Digital Videotex System", Review of the Electrical Communication Laboratories, 32(6):1044-1050 (1984).
			Montgomery, Warren A., "Techniques for Packet Voice Synchronization", IEEE Journal on Selected Areas in Communications, SAC-1(6):1022-1028 (1983).
			Morikawa et al., "Hardware Design of Integrated Centralized Extension System", Review of the Electrical Communication Laboratories, 32(2):325-332 (1984).
			Mowafi et al., "Integrated Voice/Data Packet Switching Techniques for Future Military Networks", IEEE Transactions on Communications, COM-28(9):1655-1662 (1980).
			Muraoka et al., "Communication Processing Services in INS Model System", Proceedings of the Seventh International Conference on Computer Communication, Sydney, Australia, 30 October-2 November 1984, pp. 66-71 (1984).
			Musser et al., "A Local Area Network as a Telephone Local Subscriber Loop", IEEE Journal on Selected Areas in Communications, SAC-1(6):1046-1069 (1983).
T·A			Nash et al., "Simultaneous Transmission of Speech and Data over an Analog Telephone Channel", CH2190-7/85/0000-0094, IEEE, pp. 4.2.1 - 4.2.4 (1985).

EXAMINER *D Truc, Ton*	Date Considered 2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT SEP 1 9 2001		**Atty. Docket No.:** 285.00210101		**Serial No.:** 09/768,748
				Confirmation No.: 3864
		Applicant(s): Raghu Sharma et al.		
		Filing Date: 24 January 2001		**Group:** 2661

𝑇·ij			Newman, Bill, "An ISDN Data and Voice Terminal Based on a Personal Computer", <u>Globecom '85: IEEE Global Telecommunications Conference, December 2-5, 1985, New Orleans, Louisiana, Conference Record, vol. 3 of 3</u>, pp. 1048-1052 (1985).
			Nicolaou, Cosmos, "An Architecture for Real-Time Multimedia Communication Systems", <u>IEEE Journal on Selected Areas in Communications</u>, 8(3):391-400 (1990).
			Noerpel et al., "Radio Link Access Procedure for a Wireless Access Communications System", <u>IEEE,</u> 2:1111-1115 (1994).
			Nojima et al., "Integrated Services Packet Network Using Bus Matrix Switch", <u>IEEE Journal on Selected Areas in Communications</u>, SAC-5(8):1284-1292 (1987).
			Nussbaum, Eric, "Communications Network Needs and Technologies--A Place for Photonic Switching?", EH0301-2/91/0000/0441, IEEE, pp. 441-448 (1988).
			O'Leary, G.C., "Local Access Area Facilities for Packet Voice", <u>Proceedings of the Fifth International Conference on Computer Communication, October 27-30, 1980, Atlanta, Georgia</u>, pp. 281-286 (1980).
			O'Leary et al., "A modular approach to packet voice terminal hardware design", <u>1981 National Computer Conference, May 4-7, 1981, Chicago Illinois, Conference Proceedings</u>, pp. 183-189 (1981).
			Ohmori et al., "Facsimile Intelligent Communication System, Present and Future", <u>Review of the Electrical Communication Laboratories</u>, 31(4):463 (1983).
			Oltmanns et al., "A Voice and Communications System for the IBM PC", <u>Speech Technology</u>, pp. 94-99 (Mar./Apr. 1986).
			Opderbeck, H., "Throughput Degradations for Single Packet Messages", <u>UCLA-NMC, Network Working Group</u>, 6 pages (dated 1974).
			Palmer et al., "DECspin: A Networked Desktop Videoconferencing Application", <u>Digital Technical Journal</u>, 5(2):1-13 (1993).
			Palmer et al., "Desktop Meeting", <u>LAN Magazine</u>, 6(11):111-121 (1991).
𝑇·ij			Pasquale et al., "Operating System and Window System Research for Distributed Multi-Media Applications: A Status Report", <u>UCSD Technical Report CS90-176</u>, Department of Computer Science and Engineering, University of California, San Diego, 17 pages (dated 1990).

EXAMINER D.M.K. Don	**Date Considered** 2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce
(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
SEP 1 9 2001	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

T·ィ)			Pennebaker et al. "A High Performance Freeze Frame Videoconferencing System", IBM T. J. Watson Research Center, 8 pages (date unknown).
			Perkins, Roderick E., "Spider: an Investigation in Collaborative Technologies and their Effects on Network Performance", Globecom '91: IEEE Global Telecommunications Conference, December 2-5, 1991, Phoenix, Arizona, Conference Record, vol. 3 of 3, pp. 2074-2080 (1991).
			Perkins, D., "The Point-to-Point Protocol for the Transmission of Multi-Protocol Datagrams Over Point-to-Point Links", Network Working Group, 48 pages (dated 1990).
			Pierce, Jr., "Don't Just Tell Them, Show Them!", Automation (Aug. 1990).
			Product Catalog, title unknown, random collection of pages, 24 pages.
			Product Catalog, title unknown, random collection of pages, 100 pages.
			Radcliffe, "Video Calls Use Basic Phone Lines", MacWeek (Aug. 3, 1992).
			Rangan et al., "Software Architecture for Integration of Video Services in the Etherphone System", IEEE Journal on Selected Areas in Communications, 9(9): 1395-1404 (1991).
			Raviraj et al., "An Integrated Services Local Area Network with Hybrid Access", IEEE Infocom '89: Eighth Annual Joint Conference of the IEEE Computer and Communications Societies, pp. 439-447 (1989).
			Reynolds et al., "Voice File Interchange Protocol (VFIP)", Network Working Group, 5 pages (dated 1986).
			Roberts, Lawrence G., "The Evolution of Packet Switching", Proceedings of the IEEE, 66(11):1307-1313 (1978).
			Rockwell Application Note, Doc. No. 29800N73, Order No. 873, (Oct. 1991).
			Romkey, J., "A Nonstandard for Transmission of IP Datagrams over Serial Lines: SLIP", Network Working Group, 6 pages (dated 1988).
			Rosner, Roy D., "Packet Switching: Tomorrow's Communications Today", Wadsworth, Inc., Belmont, California (1982).
T·ィ)			Ross et al., "Approaches to the Integration of Voice and Data Telecommunications", National Telecommunications Conference, November 27-29, 1979, Washington, DC, 46.6.1 - 46.6.8 (1979).
T·ᐢ)			Ross, M.J., "Alternatives for Integrating Voice and Data", 1981 International Switching Symposium, Montreal, September 21-25, 1981, 8 pages (1981).

EXAMINER D/Anℓᐢ ᐢ)ᐢ/	Date Considered 2//3/oſ

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
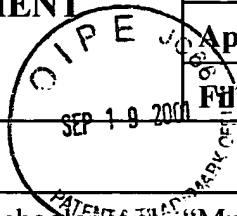
Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

(Stamp: SEP 1 9 2005, PATENT & TRADEMARK)

T·D			Rowe, J.W., "Service Protection in Managed Networks", <u>Third IEE Conference on Telecommunications</u>, The Insitution of Electrical Engineers, pp. 296-300 (1991).
			Ruston et al., "Integrating Computing and Telecommunications: A tale of Two Architectures", pp. 57-68 (date unknown).
			Rybczynski et al., "Interworking Between Packet Networks and Integrated Voice/Data Access Systems", <u>Links for the Future</u>, IEEE/Elsiver Science Publishers B.V., North-Holland, pp. 1309-1312 (1984).
			Saito et al., "Voice Packet Communication System for Private Networks", <u>Globecom '89: IEEE Global Telecommunications Conference & Exhibition, November 27-30, 1989, Dallas Texas, Conference Record, vol. 3 of 3</u>, pp. 1874-1878 (1989).
			Saltzberg, Burton R., "Theoretical Foundations of Digital Communication", pp. 1-48 (date unknown).
			Sammartino et al., "Desktop Multimedia Communications--Breaking the Chains", <u>ICC '91, International Conference on Communications, June 23-26, 1991, Denver, Colorado, Conference Record, vol. 1 of 3</u>, pp. 0073-0077 (1991).
			Sarin, Sunil, "Computer-Based Real-Time Conferencing Systems", CH0018-9162/85/1000-0033, IEEE, pp. 33-44 (1985).
			Sasaki et al., "Variable rate voice coding system", <u>MILCOM</u>, <u>92</u>(1):364-367 (Oct. 11, 1992).
			Saunders, Stephen, "Voice Compression: When Less Is More", <u>Data Communications</u>, pp. 58-64 (July 1991).
			Schooler et al., "An Architecture for Multimedia Connection Management", <u>Reprinted from the Proceedings IEEE 4th Comsoc International Workshop on Multimedia Communications, pp. 271-274, Monterey, CA (April 1992)</u>, ISI Reprint Series ISI/RS-92-294, 6 pages (1992).
			Schooler, Eve M., "Case Study: Multimedia Conference Control in a Packet-switched Teleconferencing System", Reprinted from <u>Journal of Internetworking: Research and Experience, 4</u>(2):99-120 (1993).
			Schooler, Eve M., "The Connection Control Protocol: Specification", USC/Information Sciences Institute, 30 pages (dated 1992).
T·D			Schooler, Eve M., "A Distributed Architecture for Multimedia Conference Control", <u>ISI Research Report</u>, pp. 1-18 (1991).

EXAMINER *D Tanley Pon*	Date Considered *2/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
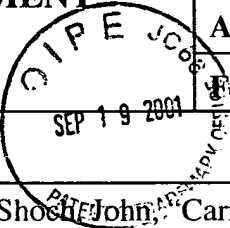
INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

r-)			Schooler et al., "Multimedia Conferencing: Has it come of age?", Information Sciences Institute, ISI/RS-91-286, 10 pages (1991).
			Schooler et al., "A Packet-switched Multimedia Conferencing System", Information Sciences Institute, University of Southern California, pp 12-22 (date unknown).
			Schulzrinne, Henning, "A Transport Protocol for Audio and Video Conferences and other Multiparticipant Real-Time Applications", Dept. of Computer Science, University of Massachusetts at Amherst, 21 pages (dated 1992).
			Schulzrinne, Henning, "Voice Communication Across the Internet: A Network Voice Terminal", Dept. of Computer Science, University of Massachusetts at Amherst, 35 pages (dated 1992).
			Schwartz, Mischa, "Telecommunication Networks: Protocols Modeling and Analysis", Addison-Wesley Publishing Company, Menlo Park, California (1987).
			Scott et al., "Communications Support for Multimedia Workstations", Third IEE Conference on Telecommunications, Institution of Electrical Engineers, London, pp. 67-72 (1991).
			Seveque et al., "In-House ISDN Applications", Electrical Communication, 63(1):17-24 (1989).
			Shacham et al., "Speech Transport in Packet-Radio Networks with Mobile Nodes", IEEE Journal on Selected Areas in Communications, SAC-1(6):1084-1097 (1983).
			Sharrock et al., "A Framed, Movable-Boundary Protocol for Integrated Voice/Data in A LAN", ACM 0-89791-201-2/86/0800-0111, IEEE, pp. 111-119 (1986).
			Shepherd et al., "Protocol Support for Distributed Multimedia Applications", Presented at Second International Workshop on Network and Operating System Support for Digital Audio and Video, IBM ENC, Heidelberg, Germany, Nov. 18-19 1991, 13 pages (1991).
			Sherman, Ken, "Data Communications: A User's Guide", Prentice-Hall, Inc., Englewood Cliffs, New Jersey, pp. 296-407 (1990).
r,D			Shieh et al., "Decentralized token-CSMA/CD protocol for integrated voice/data LANs", Computer Communications, 14(4):223-230 (1991).

EXAMINER *DAIVC, Ron/*	Date Considered *4/13/05*

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

R/)			Shoch, John, "Carrying Voice Traffic Through an Ethernet Local Network: A General Overview", <u>Local Networks for Computer Communications</u>, North-Holland Publishing Company, Amsterdam, pp 429-446 (1981).
/R			Sipos, E., "Communication System", <u>IBM Technical Disclosure Bulletin</u>, <u>12</u>(11):2029-2030 (1970).
			Smith, Tom, "ACT to intro sub T-1 voice/data/fax mux; SDM-T will support data rates up to 64K bit/sec and compress voice signals by as much as 8-to-1", <u>Network World</u>, p. 31 (April 16, 1990).
			Smith et al., "Voice/Data Concentrator", <u>IBM Technical Disclosure Bulletin</u>, <u>21</u>(8):3066-3067 (1979).
			Smith, "Wrist TVs Still Fiction, but Police Videophones Take Hold", <u>TE&M</u> (Dec. 15, 1987).
			Sohraby et al., "ISDN Primary Rate Interface Impact on Performance of Integrated on CSMA/CD Networks--A measurement and Simulation Study", <u>Globecom '90: IEEE Telecommunications Conference & Exhibition, December 2-5, 1990, San Diego, California, Conference Record, vol. 2 of 3</u>, pp. 0912-0919 (1990).
			Sparrell, Duncan, "Wideband Packet Technology", <u>IEEE Global Telecommunications Conference & Exhibition, November 28-December 1, 1988, Hollywood, Florida, Conference Record, vol. 3 of 3</u>, pp. 1612-1616 (1988).
			Spilling et al., "Digital Voice Communications in the Packet Radio Network", <u>ICC '80: International Conference on Communications, June 8-12, 1980, Seattle, Washington, Conference Record, vol. 1 of 3</u>, 21.4.1 - 21.4.7 (1980).
			Spragins et al., "Telecommunications - Protocols and Design", <u>Communications Equipment Interface Design, Chapter 4</u>, Addison-Wesley Publishing Company, pp. 156, 304, and 327 (1991).
			Sriram et al., "Discrete-Time Analysis of Integrated Voice/Data Multiplexers With and Without Speech Activity Detectors", <u>IEEE Journal on Selected Areas in Communications</u>, SAC-1(6):1124-1132 (1983).
			Stallings, William, "ISDN: An Introduction", Macmillan Publishing Company, New York, 3 pages (1989).
T·)			Stallings, "Protocols and Architecture", <u>Data and Computer Communications, 2nd</u> Edition, pp. 100-103 (1988).

EXAMINER D. AMG, ?D/N	Date Considered 2/1 3/0 r

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce
(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
		Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.	
	Filing Date: 24 January 2001	Group: 2661

SEP 1 9 2001

$\Gamma \cdot \Omega$			Stern, H. P., "An Improved Integrated Voice/Data Mobile Radio System", CH2846-4/90/0000-0311, IEEE, pp. 311-316 (1990).
			Stern, H.P., "Design and Performance Analysis of an Integrated Voice/Data Mobile Radio System", CH2682-3/89/0000-0433, IEEE, pp. 0433-0437 (1989).
			Stevens, Jim, "Much More Idle Chatter About Reference Models", 9 pages (dated 1987).
			Sudhakar et al., "Design and Performance Evaluation Considerations of a Multimedia Medical Database", IEEE Transactions on Knowledge and Data Engineering, 5(5):888-894 (1993).
			Sunshine et al., "Broad-Band Personal Computer LAN's", IEEE Journal on Selected Areas in Communications, SAC-3(3):408-415 (1985).
			Swinehart, Daniel C., "Telephone Management in the Etherphone System", Globecom '87, Nov. 15-18, 1987, Tokyo, Japan, pp. 30.3.1 - 30.3.5 (1987).
			Taka et al., "Low-Bit-Rate Speech Codecs and Wideband Speech Codecs", Review of the Electrical Communications Laboratories, 36(1):49-55 (1988).
			Takase et al., "An Experimental B-ISDN System for Man Application Study", Globecom '91: Global Telecommunications Conference, December 2-5, 1991, Phoenix, Arizona, Conference Record, vol. 3 of 3, pp. 2100-2104 (1991).
			Tamamura et al., "Picture and Audio Information Retrieval Service Using 65Kb/s Digital Network", Globecom '84: IEEE Global Telecommunications Conference, November 26-29, 1984, Atlanta, Georgia, Conference Record, vol. 1 of 3, pp. 323-327 (1984).
			Tani et al., "High-speed Multimedia Communication System on A Wideband LAN", Globecom '87, Nov. 15-18, 1987, Tokyo, Japan, pp. 577-581 (1987).
			Terek et al., "Experiences with Audio Conferencing Using the X Window System, UNIX, and TCP/IP", Proceedings of the Summer 1991 Usenix Conference, pp. 405-418 (1991).
			Thompson, Geoff, "RE: 802.3 Full Duplex vs. CSMA/CD", retrieved from <http://www.hep.net/mail/802exec/tojul97/0334.html>, 5 pages (dated 1996).
$\Gamma \cdot \Omega$			Tobagi et al., "Expressnet: A High-Performance Integrated-Services Local Area Network", IEEE Journal on Selected Areas in Communications, SAC-1(5):898-913 (1983).

EXAMINER	Date Considered
	2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
			Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.		
	Filing Date: 24 January 2001		Group: 2661

SEP 1 9 2001

_J-0_			Tomcik et al., "Facsimile Compression Through Demodulation in Packet Networks", Globecom '92: IEEE Global Telecommunications Conference, December 6-9, 1992, Orlando, Florida, Conference Record, vol. 3 of 3, pp. 1699-1703 (1992).
			Tominaga et al., "Comparison of Coding Schemes for Telewriting Systems", ICCC (1986).
			Tomsu et al., "ITT 5200 BCS, Digital Integrated Voice and Data Communication System", CH2175-8/85/0000-0855, IEEE, pp. 855-862 (1985).
			Tsuda et al., "An Approach to Multi-Service Subscriber Loop System Using Packetized Voice/Data Terminals", The International Symposium on Subscriber Loops and Services, March 20-24, 1978, Georgia Institute of Technology, Atlanta, Georgia, IEEE cat. no. 78CH1279-9 COM, pp. 161-165 (1978).
			Tsuruta et al., "Intelligent Communication Terminal for Integrating Voice, Data and Video Signals", ICC '86: IEEE International Conference on Communications '86, June 22-25, 1986, Toronto, Canada, Conference Record, vol. 3 of 3, pp. 1509-1513 (1986).
			Turner, Jonathan S., "Design of an Integrated Services Packet Network", IEEE Journal on Selected Areas in Communications, SAC-4(3):1373-1380 (1986).
			U.S. West Caller ID, 1 p. (July 18, 1994).
			Ueda et al., "Evaluation of an Experimental Packetized Speech and Data Transmission System", IEEE Journal on Selected Areas in Communications, SAC-1(6):1039-1045 (1983).
			Ulug et al., "Statistical Multiplexing of Data and Encoded Voice in a Transparent Intelligent Network", Carleton University, Ottawa, Canada, 7 pages (date unknown).
			Unagami, Shigeyuki, "Prospects of High-speed Voice Band Modems", Technical Survey, 73(10):1082-1086 (1990).
			Vakulenko et al., "The UPS-2.4 Modem", Originally published in Electrosryz, no. 3, 1989, pp. 45-49, Scripts Technica, Inc., pp. 23-27 (1990).
			Vin et al., "Hierarchical Conferencing Architectures for Inter-Group Multimedia Collaboration", Proceedings of the ACM Conference on Organizational Computing Systems, Atlanta, Georgia, Nov. 5-8, 1991, 12 pages (1991).
_J-0_			Vin et al., "Multimedia Conferencing in the Etherphone Environment", Computer, 24(10):69-79 (1991).

EXAMINER	Date Considered
D mvo pun	_2/13/05_

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
			Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.		
	Filing Date: 24 January 2001		Group: 2661

$r\cdot\phi$			Wakerly, John, "A Voice/Data/Packet Switching Architecture", CH2135-2/85/0000/CT94301, IEEE, pp. 194-199 (1985).
			Wang et al., "Priority Statistical Multiplexer Design for SNA*/SDLC Access to a Virtual-Circuit Packet Network", AT&T Technical Journal, 67(6):69-86 (1988).
			Wee, Jean, "Coming to S'pore: worldwide face-to-face contact through PCs", Business Times, 1 page (March 23, 1991).
			Weinstein et al., "Experience with Speech Communication in Packet Networks", IEEE Journal on Selected Areas in Communications, SAC-1(6):963-980 (1983).
			Weiss, Christoph, "Connection of Video Communication Equipment to a Broadband Network", CH2298-9/86/0000-1428, IEEE, pp. 1428-1433 (1986).
			Weiss, Christoph, "Desk Top Video Conferencing--An Important Feature of future Visual Communications", ICC '90: IEEE International Conference on Communications, Conference Record, vol. 1 of 4, pp. 0134-0139 (1990).
			White, Patrick E., "The Role of the Broadband Integrated Services Digital Network", IEEE Communications Magazine, 29(3):116-119 (1991).
			Wieselthier et al., "A Movable-Boundary Channel-Access Scheme for Integrated Voice/Data Networks", IEEE Infocom '91: Tenth Annual Joint Conference of the IEEE Computer and Communications Societies, April 7-11, 1991, Bal Harbour, Florida, pp. 0721-0731 (1991).
			Williams et al., "Maximum Utilisation of an Existing Optical Trunk Network", Third IEE Conference on Telecommunications, The Institution of electrical Engineers, pp. 202-295 (1991).
			Wong et al., "An Integrated Services Token-Controlled Ring Network", IEEE Journal on Selected Areas in Communications, 7:670-678 (1989).
			Wu et al., "Capacity Allocation for Integrated Voice/Data Transmission at a Packet Switched TDM", IEEE Transactions on Communications, 40(6):1059-1069 (1992).
			Yamada et al., "Multimedia High-Throughput X.25 Packet Switching System", NTT Review, 1(2):82-88 (1989).
$r\cdot D$			Yashiro et al., "High-Speed High-Throughput Packet Switching System for Multimedia Communications", IEEE Global Telecommunications Conference & Exhibition, November 28-December 1, 1988, Hollywood, Florida, Conference Record, vol. 1 of 3, pp. 0435-0439 (1988).

EXAMINER DAVID DINH	Date Considered 2/13/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101		Serial No.: 09/768,748
			Confirmation No.: 3864
	Applicant(s): Raghu Sharma et al.		
	Filing Date: 24 January 2001		Group: 2661

SEP 1 9 2001

			Zellweger et al., "An Overview of the Etherphone System and its Applications", 2nd IEEE Conference on Computer Workstations, March 7-10, 1988, Santa Clara, California, pp. 160-168 (1988).
			Ziegler et al., "Mechanisms for Integrated Voice and Data Conferencing", ACM 089791-405-8/90/0009/0101, IEEE, pp. 101-107 (1990).
			Ziegler et al., "Multimedia Conferencing on Local Area Networks", Computer, 23(9):52-61 (1990).

EXAMINER	Date Considered
DANG DINH	2/13/05

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce
(Also form PTO-1449)

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 285.00210101	Serial No.: 09/768,748
	Applicant(s): Sharma et al.	Confirmation No.: 3864
	Filing Date: 24 January 2001	Group: 2661

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		~~NONE~~					

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation Yes	No
T.D		EP 0 488 685 A2	06/03/92	EPO	—	–		
		EP 0 488 685 A3	06/03/92	EPO	—	–		
		EP 0 488 685 B1	06/03/92	EPO	—	–		
		EP 0 496 427 A2	07/29/92	EPO	—	–		
T.D		EP 0 496 427 A3	07/29/92	EPO	—	–		

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial		Document Description
T.D		Claiborne, "Natural MicroSystems Corp. Watson 1200; Hardware Review; one of three evaluations of voice-mail expansion boards in 'Voice-mail boards link telephone and PC.'; evaluation", *PC Week*, 7(40):124 (1990).

EXAMINER	Date Considered
DANVC, DON	2/13/05

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.